1945–1946

YEAR BOOK

of the

Massachusetts Horticultural Society

MASSACHUSETTS
HORTICULTURAL SOCIETY

1945

YEAR BOOK

OF THE

MASSACHUSETTS HORTICULTURAL SOCIETY

Foreword

The Committee on Lectures and Publications has the honor to present herewith the twenty-second number of the Society's *Year Book*, with which is combined the annual reports for the year 1944.

ELMER D. MERRILL, *Chairman.*

Boston, Mass.
May 7, 1945.

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RICHARD C. PAINE

Elected a Trustee at the annual meeting, May 7, 1945.

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MRS. WILLIAM A. PARKER

Elected a Trustee at the annual meeting, May 7, 1945.

THE BOARD OF GOVERNMENT

OF THE

MASSACHUSETTS HORTICULTURAL SOCIETY

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*Members ex-officio. Dates given are those of expiration of terms.

This picture showing what the first exhibition of the Society in 1829 probably looked like was made from a painting made for the First National Bank of Boston and used by that institution on the blotter for October, 1944. A framed copy of the painting has been presented to the Society.

COMMITTEES OF THE SOCIETY

For the Years 1945–1946

Executive Committee

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HAROLD S. ROSS, Chairman

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GEORGE W. BUTTERWORTH — HARLAN P. KELSEY

Committee on Gardens

GEORGE LEWIS, JR., Chairman

GEORGE W. BUTTERWORTH — WALTER HUNNEWELL
CHARLES P. GORELY, JR. — HAROLD S. ROSS

Committee on Building

JOHN S. AMES, Chairman

CHARLES K. CUMMINGS — Q. A. SHAW McKEAN

Committee on Children's Gardens Exhibitions

SAMUEL J. GODDARD, Chairman

DANIEL W. O'BRIEN — MRS. HENRY D. TUDOR

Committee on the Albert C. Burrage Gold Vase

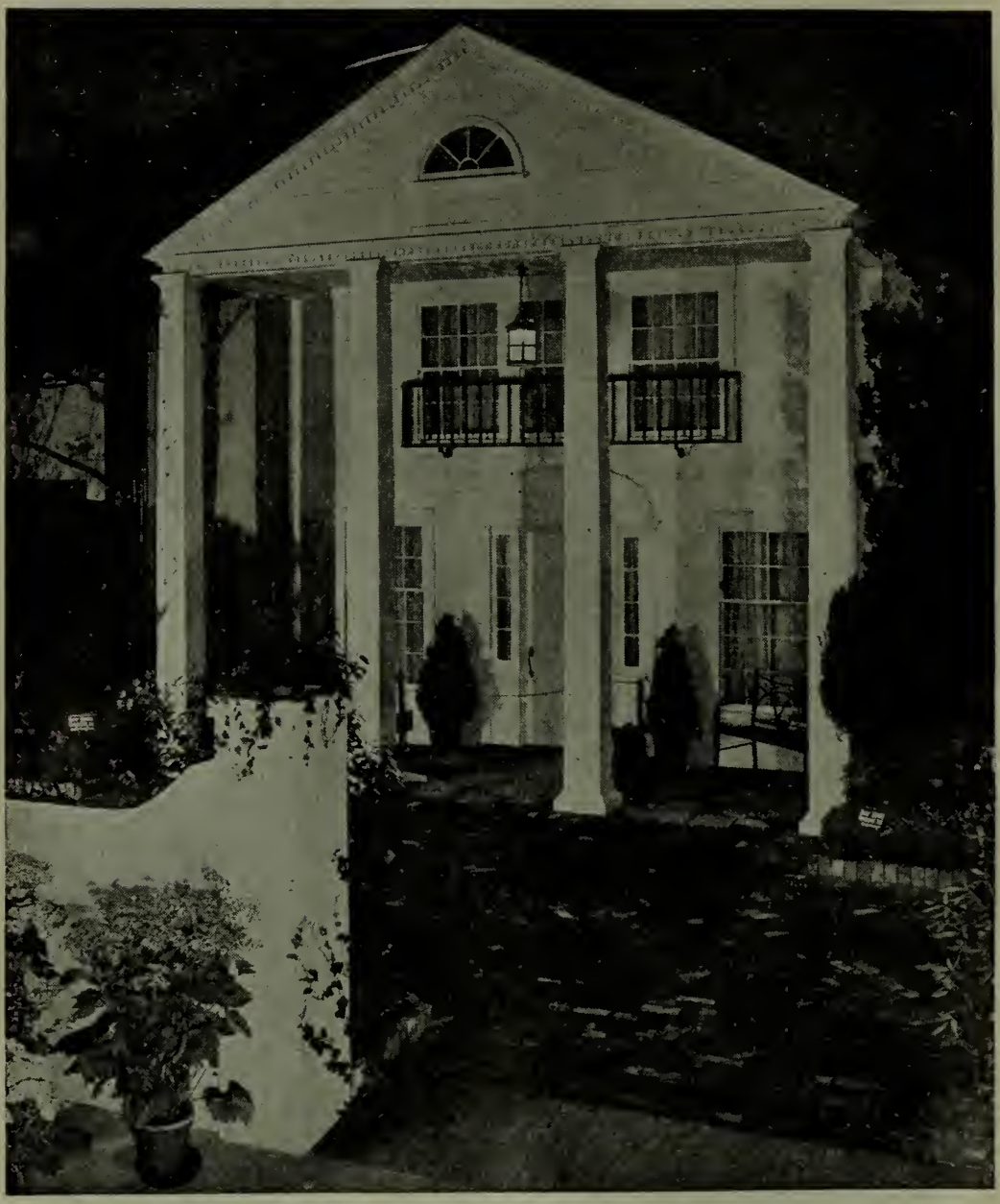
HAROLD S. ROSS, Chairman

ALBERT C. BURRAGE, JR. — MRS. JOHN G. COOLIDGE
AUBREY B. BUTLER — ELMER D. MERRILL

Nominating Committee

PAUL W. DEMPSEY — ERNEST HOFTYZER
SAMUEL J. GODDARD — ELMER D. MERRILL

HAROLD S. ROSS



The southern mansion and garden set up by the Bay State Nurseries at the Spring flower show in March, 1945. This exhibit received the Society's Gold Medal Certificate, the Gold Medal of the Horticultural Society of New York and a Cultural Certificate for rhododendrons.

Medals and Certificates Awarded in 1944

The Albert C. Burrage Gold Vase

Albert A. Hulley, for the most outstanding exhibit in 1944.

George Robert White Medal of Honor

Theodore Wirth, Minneapolis, Minn., for eminent service in horticulture.

Thomas Roland Medal

Albert A. Hulley, for growing cultivated plants with unusual skill.

Jackson Dawson Memorial Medal

Joseph H. Hill, Richmond, Ind., for his success in breeding new greenhouse roses.

Gold Medal of the Massachusetts Horticultural Society

Dr. J. K. Shaw, for perfecting a method by which to identify fruit trees by their leaf characters.

Massachusetts Horticultural Society Scroll

Professor William R. Cole, for outstanding work in connection with Victory gardens.

President's Cup

Alexander Irving Heimlich, for a Pan-American garden at the Spring show.

Gold Medal Certificate of the Horticultural Society of New York

Alexander Irving Heimlich, for a Pan-American garden at the Spring show.

Gold Medal Certificate of the Pennsylvania Horticultural Society

Gardner Museum, for Cymbidium pauwelsi at the Spring show.

The George Holliday Memorial Prize

Stewart Johnson, for acacia plants at the Spring show.

Sarah Todd Bulkley Bronze Medal of the Garden Club of America

Garden-in-the-Woods (Will C. Curtis), for an all-American garden at the Spring show.

Prize of the Massachusetts Department of Agriculture

Bay State Nurseries, for an English garden at the Spring show.

Crystal Vase

John Truesdale, for the tulip, Rosabella, best bloom in the show.

Book: "Naturalist at Large"

Mrs. J. D. Cameron Bradley, for the camellia Chandleri elegans, best bloom in the show.

New England Gladiolus Society 25th Anniversary Prize

An illuminated scroll awarded by the Massachusetts Horticultural Society to W. W. Wyman, for the best basket of Gladiolus White Gold.

Gold Medal Certificates

Associated Flower Arrangers of Massachusetts—Mrs. Arthur P. Teele, Director—for a composite exhibit of chrysanthemum arrangements and Christmas decorations.

Bay State Nurseries, Inc., for an English garden at the Spring show.

Mrs. E. D. Brandegee, for a group of chrysanthemums.

Breck's, for a display of tulips.

F. I. Carter & Sons, for a group of cacti and succulents at the Spring show.

Champlain View Gardens, Burlington, Vt., for a display of gladiolus.

Cherry Hill Nurseries, for a display of peonies.

Mrs. Ernest B. Dane, for a group of orchids at the Spring show.

Frost & Higgins Company, for a Chinese garden at the Spring show.

Adrian Frylink & Sons, Inc., Babylon, L. I., N. Y., for a display of daffodils at the Spring show.

The Garden Clubs' Exhibition Committee, for a decorative exhibit of azaleas at the Spring show.

Garden-in-the-Woods (Will C. Curtis), for an all-American garden at the Spring show.

Gardner Museum, for a group of chrysanthemums.

Gardner Museum, for Cymbidium pauwelsi at the Spring show.

Alexander Irving Heimlich, for a Pan-American garden at the Spring show.

Albert A. Hulley, for a clematis garden at the Spring show.

Eugene Lutz, for a display of grapes.

Massachusetts State College, for an educational food preservation exhibit.

New England Rose Society of Boston, for a display of roses.

Seabrook Nurseries, Seabrook, N. H., for a display of gladiolus.

Mrs. Galen L. Stone for an acacia grove at the Spring show.

Edwin S. Webster, for a display of chrysanthemums.

Edwin S. Webster, for a group of orchids at the Spring show.

Weston Nurseries, Inc., for a Russian Garden at the Spring show.

Silver Medal Certificates

American Orchid Society, for a group of orchids at the Spring show.

Associated Flower Arrangers of Massachusetts—Mrs. Arthur P. Teele, Director—for a series of artistic and unusual flower arrangements.

Mrs. J. D. Cameron Bradley, for a decorative display of camellias.

Breck's, for a display of daffodils.

J. F. Cummings, for a display of vegetables.

Thomas L. Galvin, for a display of dahlias.

Garden-in-the-Woods (Will C. Curtis), for an exhibit of house plants at the Spring show.

C. H. Lothrop, for an exhibit of double snapdragons at the Spring show.

Lovell General Hospital, for a model of an occupational therapy shop and greenhouse.

John Russell, for a display featuring umbellatum, lilies and native ferns.

Sandyloam (Alan and Esther Macneil), No. Springfield, Vt., for a lily garden.

F. L. Skinner, Dropmore, Manitoba, Canada, for a collection of new lilies.

John Truesdale, for a display of sweet peas.

John Truesdale, for a display of tulips.

William T. Walke & Sons, Inc., for a group of amaryllis at the Spring show.

Bronze Medal Certificates

William P. Long, Director Boston Common Victory Garden, for a display of vegetables.

Lovell General Hospital, for a collection of vegetables in plastic baskets.

John D. Runkle School (Grade V), for a model of a community garden on a river's edge at the Spring show.

First Class Certificates

New carnation Casablanca, exhibited by Baur-Steinkamp & Company.

New carnation Elizabeth Rowe, exhibited by Patten & Company.

Carnation Northland, exhibited by Patten & Company.

Cattleya Edithiæ, exhibited by Mrs. Ernest B. Dane.

Cymbidium ceres superbissima, exhibited by George W. Butterworth.

Cypripedium Diana Broughton, exhibited by John S. Ames.

Gladiolus Cover Girl, exhibited by Arthur A. Arenius.

Lilium Ivorine (hybrid of L. Martagon), exhibited by F. L. Skinner.

Petunia White Cloud, exhibited by Ernest Borowski.

Pinus Mugho (prostrate form of mugho pine) exhibited by Garden-in-the-Woods (Will C. Curtis).

Rhododendron Mrs. George O. Clark, exhibited by Dr. George O. Clark.

Rhododendron Princess Elizabeth, exhibited by Ernest Borowski.

Rhododendron Mrs. E. C. Stirling, exhibited by Ernest Borowski.

Awards of Merit

Brassolæliocattleya Alice Kent, exhibited by Mrs. Ernest B. Dane.

Carnation Dark Pink Hermosa, exhibited by S. J. Goddard.

Carnation Elizabeth Rowe, exhibited by Patten & Company.

Carnation Pink Lady, exhibited by William R. Morris.

Carnation Salmon Virginia, exhibited by Paul F. Brigham.

New carnation William Sim, exhibited by Patten & Company.

Bronze pompon chrysanthemum, Sgt. Virgina Rich WAC, exhibited by Bristol Nurseries.

Cymbidium Balkis, exhibited by Edwin S. Webster

Cymbidium Eagle, exhibited by John F. Sullivan.

Cypripedium Delphine var. Enchantress, exhibited by John S. Ames.
New yellow daffodil General MacArthur, exhibited by Adrian Frylink & Sons, Inc.
Gladiolus Bengasi, exhibited by F. C. Cave.
Gladiolus Gold Crest, exhibited by Louise Jackson.
Gladiolus Ivory Palaces, exhibited by Anton Carlson.
Lilium The Duchess, exhibited by F. L. Skinner.
Rhododendron F. M. Feng (2600), exhibited by Mrs. C. O. Dexter.
Rhododendron Lady Primrose, exhibited by Ernest Borowski.
Rhododendron Mrs. W. C. Slocock, exhibited by Ernest Borowski.
Rhododendron Wang X Liu (85067), exhibited by Mrs. C. O. Dexter.
Rose Apeles Mestres, exhibited by James R. Cass.
Snapdragon Vee (New), exhibited by C. H. Lothrop.

Votes of Commendation

Midget Miracle Bean, exhibited by Colprit's Nursery and Seed Farm.
Carnation James Macfarlane, exhibited by the University of New Hampshire.
New carnation Prolific, exhibited by Patten & Company.
Carnation Spitfire, exhibited by Sim Carnation Company.
Collection of chrysanthemums, exhibited by Baur-Steinkamp & Company.
Chrysanthemum Yellow Frieda, exhibited by Gardner Museum.
Grape Champagne, exhibited by Eugene Lutz.
Collection of lily seedlings, exhibited by James R. Cass.
New Marigold, exhibited by E. G. Bossom.
Petunia Glamour California giant hybrid, exhibited by Sydney G. Kimpton.
Rhodora canadensis albiflora, exhibited by Garden-in-the-Woods (Will C. Curtis).
Tiny Tim tomato, exhibited by Colprit's Nursery and Seed Farm.

Cultural Certificates

American Orchid Society, for a group of orchids.
Peter Arnott, for a display of chrysanthemums.
Peter Arnott, for Dendrobium nobile variety virginale.
Ernest Borowski, for a display of azaleas.
Ernest Borowski, for azalea Charles Encke.
Ernest Borowski, for an exhibit of gloxinias.
Mrs. Ernest Borowski, for an exhibit of camellias.
George W. Butterworth, for a group of cymbidiums.
James R. Cass, for a display of lilies.
Champlain View Gardens, for a display of gladiolus.
Dr. George O. Clark, for an exhibit of highbush blueberries.
Adrian Frylink & Sons, Inc., for a display of daffodils.
Garden-in-the-Woods (Will C. Curtis), for an all-American garden.
Gardner Museum, for Cymbidium pauwelsi
E. J. Hannington, for a group of orchids.
George Hewitt, for a group of clivias.

Albert A. Hulley, for a clematis garden.
James Hurley, for Winter-flowering begonias.
Stewart Johnson, for a group of acacias.
C. H. Lothrop, for an exhibit of double snapdragons.
Patten & Company, for carnation Northland.
Ruzicka's Inc., for rose Pink Delight.
John Sullivan, for a group of chrysanthemums.
William T. Walke & Sons, Inc., for a group of amaryllis.
Weston Nurseries, Inc., for an exhibit of shrubbery in the Russian garden.
Rocco Zeparo, for a collection of camellias.

Vote of Thanks

Michael Barrar, for miscellaneous vegetables.
Bay State Nurseries, for garden chrysanthemums.
Mrs. E. D. Brandegee, for a camellia plant grown from a cutting February 1940.
Joseph J. Comley, for an exhibit of cannas.
Frank DuBois, for an exhibit of vegetables.
Mrs. Mortimer J. Fox, for a collection of lilies.
Gardeners' & Florists' Club of Boston, for an exhibit of gladiolus.
Gardner Museum, for an exhibit of mixed camellias.
O. B. Gilman, for an amorphophallus plant.
Dr. Francis X. Graff, for gladiolus varieties and Sports of Picardy.
Henry Grout, for chrysanthemums grown outdoors.
Walter Hunnewell, for chrysanthemum indicum.
Miss Evelyn Jones, for an exhibit of peanuts.
Norman Mansfield, for a collection of camellias.
Miss Ann McFarlin, for an exhibit of popcorn.
Mrs. Ralph S. Megathlin, for a Christmas rose.
Mrs. Ralph S. Megathlin, for an exhibit of clematis integrifolia durandi.
John B. Merz, for an exhibit of tropical plants.
New England Regional Group of the American Rock Garden Society, for an exhibit of rock garden plants.
James H. Odell, for chrysanthemum-flowered marigolds.
John L. Russell, for an exhibit of lilies and gaultonia.
Mrs. George H. Sherwin, for hardy chrysanthemums.
Symphony Flower Shop, for a vase of lilies and garden flowers.
Mrs. Wilfrid O. White, for an earthenware bird house.
Mrs. Frances R. Williams, for an exhibit of leaves of Hosta (Plantain-lilies)
Miss Peggy Woodward, for an exhibit of yellow tomatoes.
Miss Eleanor M. Yeager, for table arrangements.

Honorable Mention

Persimmons, variety tanenashi, exhibited by E. O. Orpet.
Chippewa potatoes—1943 crop, exhibited by Dr. George O. Clark.
Blue Hubbard squash (one year old), exhibited by Paul W. Dempsey.

Recipients of the Medals Awarded on Recommendation of the Special Medals Committee

Theodore Wirth

Theodore Wirth of Minneapolis, Minn., awarded the George Robert White Medal of Honor, has had a remarkable record for efficiency in the development of public parks and in making them of special value as recreational centers. A Swiss by birth, he has spent a large part of his life in this country and won fame long ago for his work at Elizabeth Park in Hartford, Conn., where in

Theodore Wirth *of Minneapolis, Minn. Awarded the George Robert White Medal of Honor in 1944*

JOSEPH HERBERT HILL
of Richmond, Ind.
Awarded the
Jackson Dawson Memorial Medal
in 1944

1903 he established the first municipal rose garden in America, inaugurating a precedent which has been widely adopted throughout the country.

In 1906, Mr. Wirth became superintendent of parks in Minneapolis, where he served for more than 25 years, building up a park system not easily surpassed anywhere on this continent. He has received many honors in the past, including the medal of the American Rose Society.

JOSEPH HERBERT HILL

Few rosarians are better known than Joseph Herbert Hill, awarded the Dawson Memorial Medal. At his home in Richmond, Ind., he has one of the country's largest rose-growing establishments. Like his equally famous father, the late E. G. Hill, he has always been interested in the development of newer and better roses. He has tested from 5,000 to 10,000 seedlings a year and has introduced a number of well-known varieties, with Better Times topping the list. This rose, introduced in 1934, has really meant better times for many rose growers. Joanna Hill, named for his daughter, is another well-known variety.

About 1930, Mr. Hill developed an interest in camellias and has built up a collection which now cover 30,000 square feet of greenhouse area. He has held many positions of trust and honor, among them the presidency of the Society of American Florists and Ornamental Horticulturists.

WILLIAM R. COLE
of the
Massachusetts State College
Awarded a
Special Scroll
by the
Board of Trustees
in 1944

The William R. Cole Scroll

The wording of the scroll awarded William R. Cole of the Massachusetts State College by the Board of Trustees in 1944 is as follows:

THIS SCROLL
HONORING
WILLIAM R. COLE
IS PRESENTED TO HIM BY THE
MASSACHUSETTS HORTICULTURAL SOCIETY
BY VOTE OF ITS
BOARD OF TRUSTEES

for his highly efficient work in the promotion of Victory Gardens and in the preservation of the products of these gardens during the war-time emergency.

As extension specialist in food technology at the Massachusetts State College, he has achieved outstanding success in his efforts to increase the amount of canning done by individuals and through community projects throughout the state. As an organizer, he has few equals and his energy, resourcefulness and executive ability have made him a recognized leader in his field. He has given of his time and strength far beyond the call of duty, while his enthusiasm has been a constant stimulus to the members of the State Garden Committee and to all the thousands of

PROFESSOR
JACOB KINGSLEY SHAW
of the
Massachusetts State College
Awarded the
Society's Gold Medal
in 1944

men and women with whom he has worked. The Massachusetts Horticultural Society feels that it is honoring itself when it pays this tribute to Mr. Cole.

(Signed) JOHN S. AMES, *President.*

April 17, 1945.

JACOB K. SHAW

Professor Jacob Kingsley Shaw of the Massachusetts State College, who was awarded the Society's Gold Medal by vote of the Trustees on recommendation of a special garden committee in 1944, has won national fame for his success in developing a method by which to identify varieties of fruit trees in the nursery. His system has been applied so widely that the shipping of misnamed fruit trees by reliable nurseries has been largely overcome. This achievement on the part of Professor Shaw has already been recognized by the award of Gold Medals by the Massachusetts State Department of Agriculture and the Massachusetts Society for the Promotion of Agriculture. He has been active in the American Society for Horticultural Science and was president in 1938.

Professor Shaw is a native of Northfield, Vt., is a graduate of the University of Vermont, and at various times has been acting assistant professor of horticulture at the University of Missouri, instructor at the University of New Hampshire, Head of the Horticultural Department in the West Virginia University, and re-

search professor of pomology at the Massachusetts State College, where he is now stationed. Besides his work with fruit variety characteristics, he has given much attention to plant breeding, fruit tree nutrition, and rootstock and scion relationships in apples.

Albert A. Hulley

Albert A. Hulley, who was awarded the Thomas Roland medal and the Albert C. Burrage gold vase in 1944, has the rare ability of making almost any plant grow, and of growing them to perfection. The quality of his rose plants and clematis at recent Spring shows has been superb. Arthur Herrington, well known horticulturist of Madison, N. J., called the rose plants in Mr. Hulley's rose garden staged at the Spring show in 1943, the finest rose plants he had ever seen at any flower show in America.

Mr. Hulley received his training in England under the tutelage of his father who was a gardener before him. He came to Nova Scotia in 1912 and later to the United States. After coming here Mr. Hulley had charge of the greenhouses and gardens on a number of private estates in New England. In 1928 he established his own business in Middleboro, Mass., where, with his daughter Ruth, who has her father's rare gift for making plants thrive, he grows his favorite plants to perfection.

The George Holliday Prize

The George Holliday Memorial Prize, which was established through the generosity of Mrs. Galen L. Stone and Mr. and Mrs. Robert Stone, was awarded to William Todd of North Uxbridge at the 1945 Spring flower show for a group of superbly grown cineraria plants. This prize can only be awarded to an exhibitor of pot plants showing the highest standard of culture and is restricted to private gardeners.

BOOKS ADDED TO THE LIBRARY

A List of Accessions Made Between May 1, 1944, and May 1, 1945

This list is so arranged as to serve as a supplement to the catalogue. Members are urged to make use of it.

Library Accessions

HORTICULTURE

General

Doran, W. L. Propagation of some trees and shrubs by cuttings. 1941. (Mass. Agri. experiment sta. Bulletin 382.)

Kains, M. G. and McQuesten, L. M. Propagation of plants; rev. edition.

Kansas. State Board of Agri. Seed testing primer. 1940.

Martin, R. S. How to prune fruit trees. 1944.

Mitchell, J. W. and Rice, R. R. Plant growth regulators. (U. S. Dept. of agri. Miscellaneous pub. 495.)

Rockwell, F. F., ed. 10,000 garden questions answered. 1944.

AUXILIARY SCIENCES

Agricultural chemistry

Brown, C. A source book of agricultural chemistry. 1944.

Soil science

Balfour, E. B., Lady. The living soil . . . the importance to human health of soil vitality. 1943.

Gustafson, A. F. Handbook of fertilizers; ed. 4. 1944.

Lyon, T. L. (and others). The nature and properties of soils; 4th ed. revised. 1942.

Diseases and insects

Garrett, S. D. Root disease fungi. 1944.

Harter, L. L. Monographic study of bean diseases and their control. (U. S. Dept. of agri. Technical bulletin 868.)

Pyenson, L. Pest control in the home garden. 1944.

ORNAMENTAL PLANTS

General

Our garden book (a collection from the Portland, Ore., Sunday Journal). 1944.

Stout, M. Gardening for Egypt and allied climates. 1935.

Taylor, W. H. Garden gossip; 2d ed. revised. 1941.

Greenhouse and house plants

Irving, W. Everyman's book of the greenhouse (unheated). 1907.

Jenkins, D. H. and Wilson, H. V. P. Enjoy your house plants. 1944.

Laurie, A. and Kiplinger, D. C. Commercial flower forcing; 4th ed. 1944.

Parker, B. M. Garden indoors. 1944.

Post, K. Plants and flowers in the home. 1944.

Telegraph delivery service, pub. The technique of modern floristry. 1943. 3 vols.

Wood, A. H., Jr. House plants unusual, their care and culture (formerly Try these indoors). 1944.

Monographs

American fuchsia society. The **fuchsia** book. 1944.

Gerbing, G. G. **Camellias.** 1943.

Hall, H. M. Studies in ornamental **trees** and **shrubs.** 1910.

*Hibberd, S. The **ivy**; 2d ed. 1893.

Phelps, C. A **camellia** note book. 1940.

Stoker, F. A book of **lilies.** 1943.

*Books so indicated are to be used only in the reading room.

ECONOMIC PLANTS

General

Bercaw, L. O., comp. Corn in the development of civilization of the Americas, a selected bibliography. 1940. (U. S. Dept. of agri. Agricultural economic bibliography 87.)

Graubard, M. Man's food, its rhyme or reason. 1943.

Jacob, H. E. Six thousand years of bread (trans. by R. and C. Winston). 1944.

Leggett, W. F. Ancient and medieval dyes. 1944.

Lloyd, J. W. Pan American trade with special reference to fruits and vegetables. 1942.

Vegetables

Dempsey, P. W. Grow your own vegetables; rev. edition. 1944.

Frazier, W. A. Home gardening in Hawaii. 1943. (Hawaii agri. experiment sta. Bulletin 91.)

Keen, G. and Hutchins, A. Let's all grow vegetables. 1944.

King, F. C. The compost gardener. 1943.

Mangelsdorf, P. C. and Reeves, R. G. The origin of Indian corn and its relatives. 1939. (Texas. agri. experiment sta. Bulletin 574.)

Solly, C. Growing vegetables in the Pacific northwest. 1944.

Food processing

Pierce, A. Quick freezing, a digest of authoritative information . . . for the home. 1944.

Fruit

Hedrick, U. P. Fruits for the home garden. 1944.

Shaw, J. K. Description of apple varieties. 1943. (Mass. agri. experiment sta. Bulletin 403.)

Stuckey, H. P. Southern horticulture. 1944.

United Fruit Co. The story of the banana. 1941.

Webber, H. J. and Batchelor, L.D., ed. The citrus industry, vol. 1. 1943.
Wilkinson, A. E. Encyclopedia of fruits, berries and nuts. 1945.

Herbs

Henkle, A. American medicinal barks. 1909. (U. S. Dept. of agri. Plant industry bulletin 139.)
——. American root drugs. 1907. (U. S. Dept. of agri. Plant industry bulletin 107.)
——. Wild medicinal plants of the United States. 1906.
Huntington, A. O. Poison ivy and swamp sumach. 1908.
Leyel, Mrs. C. F. The truth about herbs. 1943.
Massey, A. B. Medicinal plants . . . of Virginia. 1942. (Virginia Polytechnic Institute. Bulletin v. 35, no. 13.)
Rohde, E. S. Culinary and salad herbs. 1940.
Wodehouse, R. P. Hayfever plants and hayfever. 1945.

BOTANY

General

Figuier, L. The vegetable world. 1867.
Fritzsch, F. E. and Salisbury, E. J. Botany for students of medicine and pharmacy. 1943.
Hoagland, D. R. Lectures on the inorganic nutrition of plants. 1944.
Lucas, J. M. First the flower, then the fruit. 1943.
Meyer, B. S. and Anderson, D. B. Plant physiology, a textbook for colleges and universities. 1939.
Salisbury, E. J. The living garden; 2d ed. 1942.
Thompson, J. A. Heredity. 1910.
de Vries, H. Die Mutationstheorie. 1901-03. 2 vols.
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Gifts to the Library

The Massachusetts Horticultural Society acknowledges with thanks gifts to the Library from the following donors:

Arnold Arboretum.
A collection of nursery catalogues.

Bruce Humphries, Inc., Publishers.
Notes of a countryman, by A. P. Rogers.
Once around the sun, by N. S. Richardson.
Rimes from the Great Lakes, by F. S. Reichle.

Buxton, Mrs. H. H.
An introduction to botany, by Priscilla Wakefield.

Chicago Natural History Museum.
Mushrooms of the Great Lakes region, by V. O. Graham.

Clark, Dr. George O.
Ferns, British and exotic, by E. J. Lowe. 8 vols.

Graves, George.
Woody plants for New England gardens, parks and roadsides, by George Graves.

Hallowell, Mrs. J. Mott.
Elements of botany; 3d ed., by B. S. Barton. 2 vols.
A systematic arrangement of British plants; 4th ed. 4 vols.

Merrill, Dr. E. D.
A preliminary report on the weeds of Alabama.
Sylva telluriana, by C. S. Rafinesque. facsim. reprint 1938.

New England Women's Club.
A collection of botanical books from their library.

Phelps, Mrs. Sheffield.
A camellia note book, by Claudia Phelps.

Rubel, Robert O., Jr.
Nut culture in the United States, native and introduced species, compiled by W. P. Corsa.

Sociedad Argentina de Horticultura.
Flora de Nahuel Huapi y Lanin; descripciones de Roman A. Perez Moreau, published by the Society.

Tozzer, Mrs. A. M.
Tropical blooms, a portfolio of 40 flower prints from photographs, by Henry Inn.

Wheeler, Wilfred.
The ornamental trees of Hawaii, by J. F. Rock.

Wister, John C.
Swarthmore plant notes, volume 2, published by the Arthur Hoyt Scott Horticultural Foundation and Swarthmore College.

Benevolent Fraternity Fruit and Flower Mission

On June 1, 1945, following the 74th annual Spring flower show of the Massachusetts Horticultural Society, the Benevolent Fraternity Fruit and Flower Mission entered its 77th year of continuous service and the 21st year that it has been privileged to maintain its headquarters in Horticultural Hall.

Once again it desires to express its appreciation to the trustees and its gratitude for the friendly co-operation of Mr. Farrington. The attractive new sign on our door is proving very valuable.

Frost in May, drought in June, heat waves in July and August, frost again in September and the disastrous hurricane, lack of man-power assistance in the gardens and the increased acute gasoline situation all failed to prevent a higher total during the four months of the hamper season than in 1943.

Five hundred and twenty-six filled hampers and cartons were received at the Centres from 25 towns.

Grafton, Lexington, Scituate, Hanover, Norwell, Wollaston, Westboro, Wayland, Groton, Marblehead, Hingham, Arlington and Newton Centre had a 100 per cent record and Duxbury missed only one week due to the hurricane.

Grafton held its place as the banner town, with a total of 108 hampers and cartons. Lexington retained second place, Scituate third and Concord fourth.

Three hundred and sixty-six individuals were contacted during the distribution of our Thanksgiving, Christmas and Easter baskets.

Mrs. Geoffrey G. Whitney kindly contributed 25 Spring flower show tickets for our special recipients who otherwise could not have attended.

Many of these people, now in lodging house rooms, formerly lived under different conditions and are trying valiantly to combat their loneliness.

The Fruit and Flower Mission is grateful to its countless friends who give generously of their time and good will.

On February 1, Miss Ethel E. Hudson became executive secretary of the Mission, following Mrs. Elliott's resignation, at the close of over 18 years in the work.

Ethel E. Hudson, *Executive Secretary.*

A section of the redwood forest exhibit set up by Frost and Higgins at the Spring flower show in 1945 and awarded the Society's Gold Medal Certificate.

MASSACHUSETTS HORTICULTURAL SOCIETY

REPORTS

OF THE

OFFICERS AND COMMITTEES

PRESENTED AT THE

ANNUAL MEETING, MAY 7, 1945

The New England scene set up by Weston Nurseries at the 1945 Spring flower show and awarded the Society's Gold Medal Certificate.

The Annual Meeting, 1945

The annual meeting of the Massachusetts Horticultural Society was held at Horticultural Hall at 3:00 p.m. on Monday, May 7, 1945, with the president, John S. Ames, in the chair. Mr. Ames announced that a quorum was present and appointed as tellers, George Graves, Mrs. Margaret Peters and Miss Faith Freeman. The president called attention to a large collection of prints and rare books on display at the back of the lecture hall and to the opening of a reception room in the small hall.

The secretary read the call for the meeting and the minutes of the previous meeting.

The president, Mr. Ames, then presented his annual address as follows:

The President's Address

In making this my first report as president of the Massachusetts Horticultural Society, I have the advantage over any previous president in the fact that I can speak to you by means of a modern loudspeaker system. I cannot hope that this system, which has been installed since the last annual meeting, will improve the character of my remarks, but at least it will make it possible for them to be heard by all of you.

This Society has been fortunate in having as its president Mr. Edwin S. Webster all through the depression years and through the early days of the war. The excellent position in which the Society finds itself is due in no small measure to his wise and prudent guidance. When I took over his work, I found a thoroughly well-oiled and smoothly running organized machine, which has continued to function smoothly throughout the past year. It has not been an easy year because of difficult situations created by the war-time emergency. The Society has been active in promoting many war-time activities and will continue to do its part along these lines. Horticultural Hall has been a center for the distribution of literature having to do with victory gardens and the preservation of food, and last summer a well-attended series of lectures on canning was given in the small hall by representatives of the State College.

The department devoted to the answering of questions has been particularly busy, questions coming in great numbers by mail, over the telephone and through personal visits. The Society has offered all its facilities to the organization known as Garden Clubs Service, which is extremely active at the various hospitals for

wounded servicemen in this area. Over a thousand dollars was raised for this purpose by means of the wishing well at the Spring flower show. This show was again held in our own building and was attended by some 57,000 persons, with a falling off of about 6,000 from last year, this fact being due, no doubt, to war-time travel restrictions.

There are advantages and disadvantages in having the show in this building. The most important advantage lies in the fact that it introduces the library and the Society's work to thousands of persons who otherwise would not know about them. A greater number of new members always is added to the Society's rolls when shows are held in this building than when they are held in Mechanics Building.

Disadvantages lie, of course, in the fact that the building is hardly large enough to accommodate the great numbers of people who would like to come to the Spring show and because of the fact that the building suffers a certain amount of physical damage, this being particularly true on the office and library floors.

As a result of the Cocoanut Grove disaster, the state has insisted upon many changes in this building, including a new lighting system, a new fire escape and several additional exits at a cost of several thousand dollars. Now, however, this building can be rated as one of the safest public buildings in the city of Boston.

Improvements made this year include the loudspeaker system which I have mentioned and by which you are now profiting, a system which was further developed this Spring by installing a device for broadcasting music throughout the entire lower floor at the time of the Spring show. New apparatus for this purpose could not be found but the secretary was able to pick up some used equipment which was in excellent condition. A limited number of records is now available for music whenever it may be needed.

This splendid building was designed to meet conditions as they existed 45 years ago. Those conditions were different from those which exist at the present time. Otherwise, the offices and, perhaps, the library would have been on the street floor, or at least in a much more accessible position than they are now. For years, the Trustees have considered methods by which to create a more hospitable atmosphere for the benefit of strangers finding themselves in the empty entrance hall with apparently no place to go.

This Spring, it was definitely decided to experiment with a plan of establishing a reception room just inside the main entrance, using the side hall for the purpose. Screens have been used to cut

off a section of this hall and very little expense has been involved in getting the room ready for occupancy. A receptionist located in this room will be ready at all times to answer questions and to direct visitors to whatever office or individual they may wish to reach. Telephone connections will make it possible to make appointments with the different department heads. It is hoped that members of the Society who are here today will visit this experimental room and let us have their opinion as to the value of this plan.

Through its library committee, the Society has obtained a large number of valuable prints and original paintings, some of which are being shown, but the chairman of the library committee will tell you more about them.

Following this meeting, the librarian will show a few of the Society's most interesting new slides, which are in color and deal with some of the library's most important treasures.

Through the courtesy of The First National Bank of Boston, the Society has received a duplicate copy of their attractive colored picture of the first flower show held in Boston. This picture was printed on their blotter in October, 1944. The caption under the picture reads:

> The first annual exhibition of the Massachusetts Horticultural Society was held in Boston in 1829 at 52 North Market Street. Here also was the first home of its library comprising all the standard works on horticulture, as well as the various periodical publications devoted to the subject, now published.

The Society also wishes to give its thanks to Mrs. William C. Endicott for the presentation of a portrait of her late husband, Mr. William C. Endicott, president of the Society in 1919 and 1920. Also grateful acknowledgement is made for the portrait of Mr. Jeré A. Downs, a benefactor of the Society and a trustee from 1933 to 1935.

The membership during the past year has shown a most gratifying upward trend and the present total of 7200 is 475 more than that of a year ago. The Society ended the year with a deficit of about $200 and can hardly expect to do as well this year because of the greatly reduced rate of return received from investments. It is hoped that the members will keep in mind the fact that this Society's endowment is far from adequate for its needs. The problem of maintaining its financial standing on a secure basis is one which the Trustees have always before them. I do not believe that the members would wish to have the activities of the Society curtailed in any direction, for the Massachusetts Horticultural Society now stands, as it has stood for many years, as the largest,

most active and most important organization of the kind in America.

JOHN S. AMES, *President.*

At the conclusion of the president's address, various reports were read, as follows:

Report of the Secretary

This has been, in some ways, a year of transition. War garden activities have been continued but on a reduced scale because it has not been possible to arouse much interest in lectures, classes or demonstrations having to do with Victory gardens. At the same time, the Society has continued to do all it could do in this direction. The secretary is a member of the National Garden Committee; Mr. Nehrling is a member of the National Garden Institute, and both the secretary and Mr. Nehrling are members of the state and city committees. Horticultural Hall is also continuing as the distribution center for Victory garden material sent out by the Massachusetts State College and the extension service.

There has been a great increase in the demand for information about ornamentals and questions pour in by telephone, mail and personal calls on this subject. Many people are beginning to grow flowers along with their vegetables, a practice which we encourage.

The state has continued to insist upon changes to provide greater protection in the event of fire or panic. A new fire escape has been constructed at the rear of the building and emergency lights have been put up in all of the halls. These lights are run on batteries and if the ordinary electric current gives out, they will automatically come into use.

Membership has shown a gratifying increase and is higher now than at any time since 1937, when the dues were increased from $2.00 to $3.00. In the years immediately following that increase, there was a loss of over 2,000 members. This loss is rapidly being overcome. At this time last year, the Society had 6,725 members. Today, it has 7,200 members. It may be interesting to state that at least 800 new members must be added every year to compensate for ordinary losses. In the past year, the loss from death alone has been over 200. Among the prominent members who passed away within the last 12 months was Miss Marian Roby Case, who was for many years a trustee of this Society and very active in its affairs. She did much to promote the annual exhibition for the products of children's gardens.

The Society has worked closely in connection with Garden

Clubs Service and raised over $1,000 for this organization's hospital work at the Spring show.

Publication difficulties have mounted because of the paper shortage. It has been necessary to greatly reduce the weight of the paper used in printing *Horticulture* and it may be necessary to reduce the number of pages this Summer. The paper shortage is to be noticed in other directions, too, particularly in the absence of paper towels and paper cups on many occasions.

The executive committee has requested me to say something about the Society's activities outside of those of a routine nature such as publication of the magazine *Horticulture,* the carrying on of shows, the rental of the halls and so on. Therefore, I will give a few of these extra-routine activities:

The office staff often is called upon to find publishers for books. Dr. Hedrick, until recently head of the New York Experiment Station, sought advice along these lines and a very excellent publisher was found for his books. The manuscript and proofs of his first book were read here and an introduction written for it.

Recently the staff made out an entire season's program for the South Shore Garden Club. Requests for assistance of this kind come from all over the country. Requests also come to members of the staff to speak at Rotary and Lions' clubs. Some months ago, the secretary was called to Cleveland, Ohio, for consultation with the officers of the garden center there and on his recommendation, the center has engaged the services of Arnold Davis of the Massachusetts State College as secretary.

A travel program is made for the prize-winning yearbooks entered each year in *Horticulture*'s competition and these books go to libraries and garden centers all over the country.

Mr. Graves broadcasts six times a week over WCOP as a representative of the Massachusetts Horticultural Society. As a member of the National Garden Committee, the secretary attends meetings in Washington and goes to Philadelphia as a member of the committee awarding the Arthur Hoyt Scott prize of Swarthmore College. Both the secretary and Mr. Nehrling are members of United Horticulture and have helped to formulate a plan for giving that organization nationwide influence.

This Society is now placing most of the gardeners in this section. Mr. Geehan, in charge of this work, is finding the problem of supplying suitable gardeners a difficult one at the present time.

The staff was recently called upon to provide judging schedules for the *New York Times* and a list of gardens for articles to be published in *House and Garden.* Not long ago, this staff also

supplied material including 100 lantern slides for a great meeting in Portland, Oregon, in memory of the late Ernest H. Wilson.

The secretary acknowledges with grateful appreciation the support given him by the officers and trustees and by the members of the staff throughout the year.

E. I. Farrington, *Secretary.*

Report of the Library Committee

Last year this committee reported the beginning of a collection of prints of flowers and fruits. It was enlarged this year by the purchase of a collection of over 600 water color drawings of orchids, making the orchid group a very large one. All together we have upward of 3,000 prints and water colors of cultivated flowers and fruits, many by famous botanical artists, and all carefully chosen. We do not know of a collection like this in any other library or museum. A selected group are on exhibition today.

Just before the war we had begun to reclassify the library on a modern system, and to make a new catalogue—both projects much needed and long planned. The work was interrupted when the cataloguer went into a defense plant. Last Winter we were fortunate enough to secure as cataloguer Miss Ethelyn M. Tucker, former Librarian of the Arnold Arboretum, and we are glad to report that the work is now going forward again.

The library has enlarged its service to the garden clubs by offering a free talk by a member of the staff to any club that will come in to Horticultural Hall for a meeting. Consequently, we have had made a large collection of kodachrome slides from interesting and famous garden books, and we can offer a great variety of subjects for programs.

Since most clubs like to have tea after their meetings, tea equipment for 50 has been bought at our suggestion. Any group that would like to use it may do so if they provide their own refreshments. A few clubs have already held meetings with us, and we extend a cordial invitation to the others.

We want the members of the Society and of the various clubs to know the library better and to make more use of its help in their gardening problems, and also to enjoy the rare and beautiful books which make this library unique.

C. K. Cummings, *Chairman.*

Report of the Treasurer

STATEMENT OF FINANCIAL CONDITION AT DECEMBER 31, 1944

Assets

Cash in Banks and on Hand		$ 70,641.13
Treasurer: In bank	$ 64,111.27	
Bursar: In bank	6,519.86	
On hand	10.00	
	$ 70,641.13	
Investments Valued at Book Value		510,218.98
Chandler Real Estate		3,007.62
Capital Assets		592,356.38
Real estate	$498,564.63	
Improvements and additions to buildings	47,211.28	
Library	46,580.47	
	$592,356.38	
Deferred Charges		3,267.00
Spring show, 1945	$ 1,713.00	
Book Publishing Account	1,554.00	
	$ 3,267.00	
		$1,179,491.11

Liabilities and Capital Funds

Liabilities—Accounts Payable		$ 587.15
Sundry Funds—schedule A-2		473,435.71
Special uses: Principal	$183,694.78	
Unexpended Income	9,697.63	
	$193,392.41	
General uses: Principal	280,043.30	
	$473,435.71	
Donations Special		425.48
Life Membership Fees		25,044.00
Mount Auburn Cemetery Fund		55,053.52
Library Cataloguing Fund		751.52
Capital		564,524.70
Surplus (Capital)		57,076.10
Balance, January 1, 1944	$ 51,670.93	
Add: Net profit on sales of securities	5,405.17	
	$ 57,076.10	
Surplus (Earned) at December 31, 1944—exhibit B		2,592.93
		$1,179,491.11

STATEMENT OF INCOME AND EXPENDITURES

Income	*Year Ended December 31, 1944*		*Year Ended December 31, 1943*	
Income from investments and bank interest (less proportion allocated to restricted funds)	$22,726.17		$22,779.56	
Membership fees	18,958.50		17,951.75	
Rentals	5,871.50		4,714.72	
Spring show, 1944	24,776.26		.....	
Spring show, 1943	.....		16,436.01	
Incidentals	225.51		2,635.43	
Sundry donations	76.00		2.00	
Donation and book sales—Library	2,387.10		.....	
		$75,021.04		$64,519.47
Expenditures				
Operating Expenses:				
Building expenses	$23,076.08		$20,389.20	
Library expenses	6,947.86		5,847.00	
Office and general expenses.	36,521.04		35,332.92	
Miscellaneous exhibition expenses	5,025.81		5,144.75	
Autumn show, 1944	2,913.77		.....	
Autumn show, 1943	.....		417.87	
		74,484.56		67,131.74
Awards, Lectures, and Miscellaneous:				
Lectures	.....		.....	
Medals and certificates	$ 388.90		$ 164.38	
Prizes in excess of funds	35.88		.....	
		424.78		164.38
Add: *Horticulture* loss		382.04		529.13
		$75,291.38		$67,825.25
Excess of Expenditures Over Income		*$ 270.34*		*$ 3,305.78*
Balance of Earned Surplus at January 1, 1944		2,863.27		
Earned Surplus at December 31, 1944		$ 2,592.93		

Walter Hunnewell, *Treasurer.*

Report of the Committee on Exhibitions

During the year, 14 meetings of the committee were held at which the very numerous problems appertaining to the several shows, falling within the field of this committee, were considered. Attendance at all of the committee meetings was excellent. The exhibitions committee kept in close touch with the prize committee and our experiences during the past few years indicate that this liaison is highly desirable.

The shows sponsored by the Society included the Spring, Camellia, Daffodil, Tulip, Iris, June, Lily, Gladiolus, Products of Children's Gardens, Victory Harvest, and Autumn. As in the previous year all of these were held in Horticultural Hall. As usual, all of these exhibitions were open to the public without charge, except for the Fall and Spring shows. The total attendance at all shows sponsored by the Society in 1944 was 3,937 in excess of that for the year 1943, that for 1943 being 81,869, and for the past year 85,696. However, the attendance at the Spring show in 1945, although slightly in excess of that for 1943, was less than that for 1944, being 56,792 in 1943, 63,274 in 1944, and 57,167 in 1945.

The decrease in attendance at the Spring show in 1945 was undoubtedly due to the fact that permission to hold the show by the Office of Defense Transportation was predicated on an agreement that we would not publicize it outside of the Boston commutation area because of the transportation and hotel situation. But, nevertheless, this, the 74th annual Spring show of the Society, was held, regardless of war conditions, and the Society may justly be proud of this long uninterrupted sequence; particularly in view of the fact that corresponding shows in New York, Philadelphia, and other large cities were discontinued in 1942 because of the war, leaving that of the Massachusetts Horticultural Society the only large annual show of its kind to be held in the United States. In past seasons a great many people from the other New England states, and even from New York, New Jersey, Pennsylvania, and other states, attended our Spring show, but the O.D.T. restrictions, lack of gasolene, thin tires, and other factors intervened this year.

The decrease in attendance was, of course, reflected in the profits, the approximate surplus of the 1945 show being $19,776.00 as compared with $24,776.26 in 1944. Even with the increased costs of material, transportation, and labor, the committee operated within the limits of its budget as set up in the preceding year. All members of the Society realize, or should realize, that

the operations of the organization depend to an important degree on the profit of the Spring show; and profits are thus actually essential, for some of this income is used to finance the numerous smaller free exhibitions and other activities of the Society. The financial support of the Society comes largely from three sources; income from endowments, membership fees and show profits. Thus, in planning the larger exhibitions, the show manager and the committee must keep in mind several objectives—first, as fine exhibitions as it is possible to stage; second, to keep within its approved budget, for to stage good shows involves large expenditures; and third, to produce a reasonable profit for the Society.

The 1945 Spring show was considered by many to be the best of the three large displays staged in Horticultural Hall since Pearl Harbor. Each year the committee learns more about traffic problems within the building, and about those areas where visitors are apt to congregate and thus obstruct the free flow of traffic. This year the aisles were deliberately widened, and this helped to eliminate congestion when crowds were at the their peak.

One thing can be said about holding the large show in Horticultural Hall, and that is, it stimulates interest of its members in what the Society has to offer. Annually a great many people, including of course many members, visit the building which they otherwise would not enter but for the floral displays. Actually during the period of the show approximately 225 new members were enrolled, partly because of giving some stress to the advantages of membership, especially in reference to the annual preview of the Spring show to which members only are admitted.

Another favorable feature is that members visiting the library, perhaps for the first time, receive a very favorable impression of its remarkable resources, resulting in increased interest in, and a wider utilization of, its facilities.

Because of the unusually advanced Spring season this year, it became necessary to cancel both the daffodil and the tulip shows, for if they had been held, as projected, little or nothing would have been available for display; and the Spring weather developed so rapidly that it was too late to change the dates of these shows.

Plans for the 1946 Spring flower show are already under consideration, predicated on the assumption that, as in the past three seasons, it will be staged in Horticultural Hall. It is possible, although rather improbable, that the war situation may be such that we might be justified in considering a larger show in the Mechanics Building. In view of the labor and transportation

situation and the fact that stocks of display plants are naturally at a rather low ebb because of the stress and strain of several years of war, for the next year, at least, a show more or less similar to those held in the past three seasons should be predicated on the facilities available in our building.

On behalf of the exhibitions committee I wish to express its gratitude to those who participated in all of our exhibitions, and particularly at the Spring and Fall shows. Without the co-operation of those who do maintain large collections of living plants, whether these be proprietors of private estates or individuals actually engaged in horticultural activities on a commercial scale, it would be impossible for the Massachusetts Horticultural Society to stage such extensive and attractive exhibitions as those characteristic of the two large annual shows. As chairman of the

A Spring garden as visualized by the Garden Club Committee at the Spring flower show in 1945.

committee, I wish also to express my own appreciation of the efforts of all members of the group and to the officials of the Society for their unstinted efforts to make all exhibitions sponsored by the Society the successes they have been during the season just closed. In closing, I wish also to express the committee's sincere appreciation of the outstanding services of the show manager, Arno Nehrling, for much of the success of the various

shows is due to his excellent judgment and untiring efforts. The exhibitions committee can and does advise him, but a committee alone could not possibly handle all of the myriads of details that arise in connection with the various exhibitions from day to day. It is most fortunate for the Society that the position of show manager was created in 1934, and the Society itself was most fortunate in its selection of the individual to fill this very exacting post.

E. D. Merrill, *Chairman.*

Report of the Committee on Prizes

The committee on prizes supervised and judged at ten exhibitions of the Society in the course of the year. The committee had five meetings at which it selected judges and discussed policies pertaining to the various exhibitions. It also had a joint meeting with the committee on exhibitions at the time of the Spring show.

All members of the prize committee receive the minutes of the committee on exhibitions, and are thus kept informed about all the flower show activities, and in this way the work of the committee is greatly strengthened.

The committee always makes it a point to check over the card index of judges, filed in Mr. Nehrling's office, removing the names of those who are no longer available, and adding new names as they are suggested.

Great care was used in selecting the judges. In addition to the men who have had considerable judging experience, a number of younger men were chosen to serve in groups with experienced judges, the idea being to give these younger men as much training as possible.

Because of the man power shortage and travel restrictions, the committee assumed the responsibility of judging all of the smaller shows, such as the camellia, daffodil, tulip, and lily shows, as well as special classes in the gladiolus exhibition. Since it is the duty of the members of the committee to be present at every show, this did not work a hardship on the committee.

The committee is pleased to report that there were no complaints or protests in the course of the year. The fact that judges were always instructed to score all the exhibits aided greatly in bringing about these results. Judges were also instructed to make recommendations for special awards which were later reviewed by the committee. This served as a double check and lessened the responsibility of the committee in making final decisions.

During the year the following certificates were awarded:

Gold Medal Certificates	24
Silver Medal Certificates	15
Bronze Medal Certificates	3
First Class Certificates	13
Awards of Merit	21
Votes of Commendation	12
Cultural Certificates	26
Vote of Thanks	27
Honorable Mention	3
	144

The committee has been greatly impressed with the high quality of the exhibits under existing conditions. It is remarkable what some of our gardeners and florists have done in spite of the acute shortage of labor and the transportation difficulties. The shows have filled a definite need in the lives of the people during these trying times.

The committee on prizes is very grateful to the judges, the exhibitors, the director of exhibitions, Arno H. Nehrling, and the staff at Horticultural Hall for their splendid co-operation.

AUBREY B. BUTLER, *Chairman.*

Report of the Committee on the Exhibition of the Products of Children's Gardens

Early in the season the prospects for the children's garden exhibition looked very discouraging. We were experiencing the dryest Summer on record at the weather bureau here in Boston. During the month of May only one-forty-sixth of an inch of rain was recorded.

However, due to the perseverance of the children and the encouragement they received from their instructors, the gardens were kept growing, and wherever possible water was made available for the use of the children. Even though the plants in the gardens were not as large and succulent as in former years they were strong and healthy. About a week previous to the show there came a life-saving rain which did wonders to the gardens, and by the time the exhibition was staged the vegetables were up to par in quality and exceeded our expectations in quantity.

The number of individual vegetable entries were not as large as in 1943, but the quality was, I believe, better than it has ever been before. The exhibits of flowers were very creditable, and strange to say, the number of entries were greater than in previous years.

The number of individual entries amounted to 1,229. In the 4-H section of the show, which was staged in a separate room, there were 515 entries, or a total of 1,744.

The staging of the exhibits was much improved over that of former years. An attempt was made to allot equal spaces in advance to large and small schools, especially against the walls of the hall. This gave the show a more varied and more interesting background. It also gave every school an opportunity to stage a display with a background, something that was not possible in past years when the wall spaces were always allotted to the larger schools.

The 4-H Club exhibits were also set up in an entirely new manner so that the exhibits showed up to much better advantage. The 4-H Club vegetable judging contest, open to any boy or girl who had an exhibit at Horticultural Hall, attracted a great deal of attention and the competition in all classes was very keen.

In spite of the hot weather the attendance at the show was excellent. The committee is succeeding in interesting the adults in this exhibition, and for the first time there were almost as many adults as children in attendance. President Ames, who came to see the show, said it was one of the finest exhibitions of its kind he had ever seen. Many of the visitors were Victory gardeners who were getting ideas for the staging of their material at the Victory harvest show.

The Society is fortunate in having the co-operation of the school department in staging this interesting and educational children's show. May I take this opportunity to thank Daniel O'Brien, assistant director in charge of gardening and vocational agriculture in the Boston schools, and his assistant, Henry G. Wendler, for their co-operation and assistance in staging this show so efficiently and successfully. I would also like to thank Earle Nodine in charge of the 4-H section of the show for all he did in making this show an outstanding event.

SAMUEL J. GODDARD, *Chairman.*

At the conclusion of the business meeting, colored slides made from important books and pictures in the library were shown on the screen, with explanations by the Society's librarian, Miss Manks.

Result of the Balloting

The result of the balloting was then announced, showing 58 ballots cast and the following officers and trustees elected, as well as the adoption of the amendment given below:

President: JOHN S. AMES
Vice-President: CHARLES K. CUMMINGS
Trustees: AUBREY B. BUTLER
HARLAN P. KELSEY
RICHARD C. PAINE
MRS. WILLIAM A. PARKER
MRS. ROGER S. WARNER

AMENDMENT TO THE BY-LAWS

"Amend Article 4, Section 2, the 17th paragraph, by changing the two lines at the end of the paragraph so that the paragraph shall read as follows:

"The Committee on the Albert C. Burrage Gold Vase, consisting of the chairman of the Committee on Exhibition, the chairman of the Committee on Prizes and three other members of the Society, shall meet annually, following the Society's last exhibition of the year, to recommend the award of the Albert C. Burrage gold vase which, under the terms of the deed of gift, shall be awarded by the trustees in the month of December."

Adjourned at 4:15 p.m.

EDWARD I. FARRINGTON, *Secretary.*

Necrology

The following is a list of the members of the Massachusetts Horticultural Society whose deaths were reported during the year ending May 1, 1945. *Gold Star.

Miss Elizabeth F. Abbe
Mrs. George Abbot
Mrs. C. S. Abbott
Mr. John Adams
Mrs. George M. Angier
Mr. John Balch
Mrs. F. E. Ball
Mr. James R. K. Bannister
Mr. Robert D. Bardwell
Mr. Walter H. Barker
Mr. A. A. Beauchamp
Mr. Daniel R. Beckford, Sr.
Mr. Henry M. Howard
Mr. James M. Howe, Jr.
Mrs. W. H. Hoyt
Miss Emilie Hugel
Mr. Alexander Hutchins
Mr. Louis B. Kilgore*
Mrs. William N. Kimball
Mr. William Kleiner
Miss Lillian D. Leach
Miss Bertha Lee
Dr. Earl R. Lehnherr
Miss Sara J. Lincoln

Mrs. Henry L. Beveridge
Mr. H. Lawton Blanchard
Miss Eliza D. Boardman
Mrs. Winthrop S. Boutwell
Mr. Nathaniel I. Bowditch
Miss E. Kathleen Brophy
Mr. John T. Burnett
Mr. Albert Cameron Burrage, 3rd*
Miss Lucy S. Cabot
Miss Marian Roby Case
Mr. Edward H. Chandler
Mr. C. H. B. Chapin
Mrs. Albion Robert Clapp
Mrs. Jay Clark, Jr.
Dr. Clarence O. Coburn
Mrs. John S. Codman
Mr. George W. Coggeshall
Mrs. George H. Davenport
Mr. Henry B. Day
Mrs. L. F. Deland
Mrs. George W. Dinsmoor
Mrs. Edward S. Dodge
Mr. Alfred T. Dodkin
Miss Eleanor A. Doran
Mr. George B. Dorr
Mr. B. H. Bristow Draper
Mrs. Chester M. Dunham
Mr. Harold Clarke Durrell
Mrs. James A. Eddy
Mrs. Ariel B. Edwards
Mr. Dwight D. Elliott
Mrs. Charles G. Fall
Mrs. Annie H. Farlow
Mr. Sewell H. Fessenden
Mrs. Arthur G. Fletcher
Mrs. J. T. Gerald
Mr. Henry F. Grinnell
Mrs. Amos Irving Hadley
Mrs. Arthur W. Hall
Mr. Emor H. Harding
Dr. Harry F. Hartwell
Mrs. William D. Harvey
Mrs. David E. Heineman
Mr. Jacob Hittinger
Mr. Henry Hornblower
Miss Cornelia F. Horsford
Mrs. Francis G. Howard
Mrs. Lindsley Loring
Mr. David Lumsden
Mrs. George S. Mandell
Mrs. Henry O. Marcy
Mr. Donald McKenzie
Mr. John McLaren
Mrs. Frederick S. Mead
Mr. Edward P. Merriam
Miss Susan L. Mills
Mrs. George H. Monks
Mr. Chester A. Mowry
Mr. Peter Murray
Mr. Robert P. K. Neff
Dr. Estes Nichols
Mrs. Wendell L. Nichols
Mrs. John A. Odiorne
Mrs. Harriet Talbot Parker
Mrs. William E. Plummer
Mrs. William G. Rantoul
Mr. James F. Ray
Mr. Henry C. Ross
Mrs. Edmund S. Rousmaniere
Mrs. Henry E. Ryan
Mr. Louis Victor Schmitt
Mrs. Quincy A. Shaw
Mrs. Henry A. Smith
Miss Jeannie Lea Southwick
Sgt. Joseph M. Spidi, Jr.*
Mrs. Frederick W. Spring
Mr. George F. Stewart
Mrs. George W. Stone
Mrs. James J. Storrow
Miss Grace Sturtevant
Mrs. Harry E. Sutton
Mrs. William Sutton
Mr. Thomas C. Thacher
Mrs. Whitaker Thompson
Mr. James H. Trow
Mr. William K. Van Olinda
Mrs. Lewis L. Wadsworth
Prof. Frank A. Waugh
Mr. Frank G. Webster
Mrs. Alexander Whiteside
Mr. Harry T. Winn
Miss M. Louise Wyman
Mr. Charlotte W. Young

Massachusetts Horticultural Society

HONORARY MEMBERS

1942 Lord Aberconway, North Wales, England
1942 F. A. Bartlett, Stamford, Connecticut
1942 Walter D. Brownell, Little Compton, Rhode Island
1942 Alex Cumming, Bristol, Connecticut
1942 Dr. William A. Dayton, Washington, District of Columbia
1942 A. T. De La Mare, New York, New York
1942 David Fairchild, Coconut Grove, Florida
1942 Joseph B. Gable, Stewartstown, Pennsylvania
1942 Arthur Herrington, New York, New York
1942 Henry Hicks, Westbury, Long Island, New York
1942 Fred H. Howard, Montebello, California
1942 August Koch, Chicago, Illinois
1942 Colonel R. H. Montgomery, Coconut Grove, Florida
1942 Robert Moses, New York, New York
1942 G. G. Nearing, Ridgewood, New Jersey
1942 Frederick Law Olmsted, Brookline, Massachusetts
1942 George H. Pring, St. Louis, Missouri
1942 Dr. Alfred Rehder, Jamaica Plain, Massachusetts
1942 Dr. A. B. Stout, New York, New York
1942 Norman Taylor, New York, New York
1942 C. J. Van Bourgondien, Babylon, Long Island, New York
1942 Richard Wellington, Geneva, New York
1942 Elizabeth C. White, Whitesbog, New Jersey
1943 Albert C. Burrage, Jr., Boston, Massachusetts
1943 Vincent R. DePetris, Grosse Pointe Farms, Michigan
1943 Jens Jensen, Ellison Bay, Wisconsin
1943 Henry T. Skinner, Philadelphia, Pennsylvania
1944 Edward O. Orpet, Santa Barbara, California
1944 Wilfrid Wheeler, Falmouth, Massachusetts
1944 Richardson Wright, New York, New York

CORRESPONDING MEMBERS

1925 Rudolph D. Anstead, Bournemouth, England
1889 Dr. L. H. Bailey, Ithaca, New York
1911 W. J. Bean, 2, Mortlake Road, Kew, England
1918 Désiré Bois, Paris, France
1925 I. H. Burkill, F.L.S., "Clova," Fetcham Park, Leatherhead, Surrey, England
1921 Fred J. Chittenden, Royal Horticultural Society, Vincent Square, Westminster, London, England
1925 Woon Young Chun, Sun Yat Sen University, Canton, China
1925 G. W. Darnell-Smith, Director of the Sydney Botanic Gardens, Sydney, New South Wales

1925 Henry F. duPont, Winterthur, Delaware
1925 Pierre S. duPont, Wilmington, Delaware
1925 Charles C. Eley, M.A., F.L.S., Suffolk, England
1925 G. Fraser, Ucuelet, Vancouver Island, British Columbia
1925 W. G. Freeman, B.S.C., F.L.S., Imperial Institute, South Kensington, London S.W.7, England
1918 Professor N. E. Hansen, Brookings, South Dakota
1911 Professor U. P. Hedrick, Geneva, New York
1925 Professor H. H. Hu, Fan Memorial Institute of Biology, Peking, China
1925 Mrs. C. L. Hutchinson, Lake Geneva, Wisconsin
1925 Charles W. Knight, Oakdale, New York
1921 C. E. Lane-Poole, Canberra, Australia
1925 C. C. Laney, Rochester, N. Y.
1911 M. Émile Lemoine, Nancy, France
1925 Sir J. S. Maxwell, Bart, K.T., Pollok House, near Glasgow, Scotland
1918 J. Horace McFarland, Harrisburg, Pennsylvania
1925 Mrs. William Mercer, Doylestown, Pennsylvania
1925 Dr. Kingo Miyabe, Imperial University, Sapparo, Japan
1898 Sir Frederick W. Moore, F.L.S., Willbrook House, Rathfarnham Co., Dublin, Ireland
1918 Dr. George T. Moore, Botanical Gardens, St. Louis, Missouri
1925 F. Cleveland Morgan, Montreal, Canada
1925 M. L. Pardé, Nogent-sur-Vernisson (Loiret), France
1925 I. B. Pole-Evans, C.M.G., Chief of Division and Director, Botanical Survey, Pretoria, Transvaal, South Africa
1925 Miss Isabella Preston, Ottawa, Canada
1925 Johannes Rafn, Skovfrokontoret, Copenhagen, Denmark
1906 Dr. Henry N. Ridley, C.M.G., F.R.S., F.L.S., M.A., Kew, Surrey, England
1925 Camillo Schneider, c/o Gartenschonheit, Berlin-Westend, Germany
1925 F. L. Skinner, Dropmore, Manitoba
1925 Sir William Wright Smith, F.L.S., Royal Botanic Garden, Edinburgh, Scotland
1893 Professor William Trelease, Urbana, Illinois
1925 Cyril T. White, Government Botanist, Brisbane, Queensland, Australia
1921 Gurney Wilson, Secretary Royal Horticultural Society Orchid Committee, Vincent Square, London S.W.1, England
1925 John C. Wister, Germantown, Philadelphia, Pennsylvania
1925 Sir Charles Woodward, Bewdley, Worcestershire, England

1946

YEAR BOOK

OF THE

MASSACHUSETTS HORTICULTURAL SOCIETY

Foreword

The Committee on Lectures and Publications has the honor to present herewith the twenty-third number of the Society's *Year Book,* with which are combined the annual reports for the year 1945.

WILLIAM P. WOLCOTT, *Chairman.*

Boston, Mass.
May 30, 1946.

W. P. Wolcott

Elected a trustee at the annual meeting, May 6, 1946.

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Increased Endowment Sought . . . . . Inside Back Cover

AUBREY B. BUTLER

Elected a vice-president at the annual meeting, May 6, 1946.

THE BOARD OF GOVERNMENT

OF THE

MASSACHUSETTS HORTICULTURAL SOCIETY

President

JOHN S. AMES

Vice-Presidents

DR. GEORGE O. CLARK
AUBREY B. BUTLER

Trustees

*JOHN S. AMES
*AUBREY B. BUTLER
GEORGE W. BUTTERWORTH (1949)
*GEORGE O. CLARK
MRS. JOHN GARDNER COOLIDGE (1949)
MRS. S. V. R. CROSBY (1949)
PAUL W. DEMPSEY (1947)
SAMUEL J. GODDARD (1947)
ERNEST HOFTYZER (1947)
*WALTER HUNNEWELL
HARLAN P. KELSEY (1948)
GEORGE LEWIS, JR. (1949)
Q. A. SHAW MCKEAN (1949)
ELMER D. MERRILL (1947)
RICHARD C. PAINE (1948)
MRS. WILLIAM A. PARKER (1948)
HAROLD S. ROSS (1947)
MRS. ROGER S. WARNER (1948)
*EDWIN S. WEBSTER
WILLIAM P. WOLCOTT (1948)

Honorary Trustee

OAKES AMES

Treasurer

WALTER HUNNEWELL

Assistant Treasurer

GEORGE LEWIS, JR.

Secretary

EDWARD I. FARRINGTON

*Members ex-officio. Dates given are those of expiration of terms.

William N. Craig receiving the George Robert White Medal of Honor from the hands of the president, John S. Ames, at the annual meeting, 1946.

COMMITTEES OF THE SOCIETY

For the Year 1946–1947

Executive Committee

JOHN S. AMES, Chairman

AUBREY B. BUTLER
DR. GEORGE O. CLARK
WALTER HUNNEWELL
EDWIN S. WEBSTER

Finance Committee

JOHN S. AMES, Chairman

WALTER HUNNEWELL
RICHARD C. PAINE

Budget Committee

JOHN S. AMES, Chairman

AUBREY B. BUTLER
DR. GEORGE O. CLARK
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EDWIN S. WEBSTER
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Membership Committee

GEORGE W. BUTTERWORTH, Chairman

PAUL W. DEMPSEY
ERNEST HOFTYZER

Committee on Exhibitions

ELMER D. MERRILL, Chairman

PAUL W. DEMPSEY
SAMUEL J. GODDARD
MRS. WILLIAM A. PARKER
HAROLD D. STEVENSON

Committee on Prizes

DR. GEORGE O. CLARK, Chairman

ERNEST BOROWSKI
Q. A. SHAW McKEAN
RICHARD ROLAND
HAROLD E. WHITE

Committee on Library

ELMER D. MERRILL, Chairman

MRS. S. V. R. CROSBY
GEORGE LEWIS, JR.
MRS. SUSAN McKELVEY
MRS. ROGER S. WARNER

Committee on Lectures and Publications

WILLIAM P. WOLCOTT, Chairman

MRS. JOHN G. COOLIDGE
ERNEST HOFTYZER

Committee on Special Medals

HAROLD S. ROSS, Chairman

AUBREY B. BUTLER
GEORGE W. BUTTERWORTH
PAUL W. DEMPSEY
HARLAN P. KELSEY

Committee on Gardens

GEORGE LEWIS, JR., Chairman

GEORGE W. BUTTERWORTH
CHARLES P. GORELY, JR.
WALTER HUNNEWELL
HAROLD S. ROSS

Committee on Building

JOHN S. AMES, Chairman

Q. A. SHAW McKEAN
WILLIAM P. WOLCOTT

Committee on Children's Gardens Exhibitions

SAMUEL J. GODDARD, Chairman

DANIEL W. O'BRIEN
MRS. HENRY D. TUDOR

Committee on the Albert C. Burrage Gold Vase

HAROLD S. ROSS, Chairman

ALBERT C. BURRAGE, JR.
DR. GEORGE O. CLARK
MRS. JOHN G. COOLIDGE
ELMER D. MERRILL

Nominating Committee

WILLIAM P. WOLCOTT
HARLAN P. KELSEY
RICHARD C. PAINE
MRS. WILLIAM A. PARKER
MRS. ROGER S. WARNER

The memorial garden set up by the Bay State Nurseries at the Spring exhibition in 1946 and awarded the President's Cup as well as the Society's Gold Medal.

Medals and Certificates Awarded in 1945

The Albert C. Burrage Gold Vase

The Frost & Higgins Co., Arlington, for the most outstanding exhibit in 1945.

George Robert White Medal of Honor

William N. Craig, Weymouth, for eminent service in horticulture.

Thomas Roland Medal

Edmund F. Palmer, Vineland Station, Ont., Canada, for developing new peach and gladiolus varieties, notably the gladiolus Picardy.

Jackson Dawson Memorial Medal

Walter B. Clarke, San Jose, Calif., for introducing many new and rare plants to American gardens, particularly lilacs, ornamental cherries and Japanese quinces.

Gold Medal of the Massachusetts Horticultural Society

Mrs. John H. Cunningham, Brookline, for her horticultural activities over a term of years and especially the work done by her in the preservation of the products of war gardens.

Gold Medal of the Massachusetts Horticultural Society

Daniel W. O'Brien, for his achievements as head of the school garden work in Boston.

Gold Medal of the Massachusetts Horticultural Society

Waltham Field Station of the Massachusetts State College, for its educational work and its services to commercial and amateur gardeners.

Massachusetts Horticultural Society Scroll

Boston Victory Garden Committee, for laying out and operating the demonstration garden on Boston Common and in promoting victory gardens throughout the city.

Massachusetts Horticultural Society Scroll

John R. Macomber, for his estate in Framingham with its special and unusual planting effects.

President's Cup

Mrs. Galen L. Stone, Marion, for a display of acacias at the Spring Show.

Gold Medal Certificate of the Horticultural Society of New York

Bay State Nurseries, Inc., North Abington, for a Virginia garden at the Spring Show.

Gold Medal Certificate of the Pennsylvania Horticultural Society

Mrs. Galen L. Stone, Marion, for a display of acacias at the Spring Show.

The George Holliday Memorial Prize

William Todd, North Uxbridge, for a group of cinerarias at the Spring Show.

Beacon Hill Garden Club Cup

Garden Club Federation of Massachusetts, for a well conceived and beautifully carried out garden club exhibit at the Spring Show.

Prize of the Massachusetts Department of Agriculture

F. I. Carter & Sons, Tewksbury, for a Southwest desert garden at the Spring Show.

Book: "My Garden in Florida"

Dr. George O. Clark, Boston, for the camellia Semi-double Blush, best bloom in the Show.

New England Gladiolus Society 26th Anniversary Prize

An illuminated scroll awarded by the Massachusetts Horticultural Society to Pasquale Vasaturo, Medfield, for the best basket of gladiolus.

Gold Medal Certificates

Bay State Nurseries, Inc., for a Virginia garden at the Spring Show.

Butler & Ullman, Inc., for a display of camellias.

F. I. Carter & Sons, for a Southwest desert garden at the Spring Show.

Cherry Hill Nurseries, for the general excellence of the combined peony exhibits.

Frost & Higgins Company, for a California redwood scene at the Spring Show.

Garden-in-the-Woods (Will C. Curtis), for a Colorado wild garden at the Spring Show.

Gardeners' & Florists' Club of Boston, for a Florida garden at the Spring Show.

C. H. Lothrop, for a display of double snapdragons at the Spring Show.

New England Region of the American Iris Society, for an outstanding iris exhibition.

New England Rose Society, for a display of roses.

New York State Agricultural Experiment Station, Geneva, N. Y., for a display of seedling grapes.

Ruzicka's Inc., Chatham, N. J., for a display of roses at the Spring Show.

Mrs. Galen L. Stone, for a display of acacias at the Spring Show.

Louis Vasseur, for an educational exhibit of clematis from seeds to blooms.

Edwin S. Webster, for a group of orchids at the Spring Show.

Weston Nurseries, Inc., for a New England garden at the Spring Show.

Silver Medal Certificates

Champlain View Gardens, for a display of gladiolus.
Cherry Hill Nurseries, for a display of seedling peonies.
Flying Cloud Farms, for a display of gladiolus.
Paul Frost, for an iris garden staged in honor of Miss Grace Sturtevant.
Garden Clubs Service, Inc., for exhibition of work being done by Garden Clubs Service, Inc., at army and navy hospitals, at the Spring Show.
Gardeners' & Florists' Club of Boston, for a collection of vegetables.
Lovell General Hospital, for a collection of 90 tomato varieties.
Lovell General Hospital, Occupational Therapy section, for a five-pointed star featuring education, food, diversion, decor and treatment, at the Spring Show.
Mrs. Franklin P. Lowry, for receiving the highest total number of points at the Iris Show.
John D. Runkle School (Grade V), for a model of a landscaped southern garden at the Spring Show.
Women's Municipal League, Embankment Garden, for the largest and best collection of vegetables and flowers from a school garden.

Bronze Medal Certificates

Boston School Gardens, Woburn, for the second largest and best collection of vegetables and flowers from a school garden.
James R. Cass, for a display of lilies.
Garden-in-the-Woods (Will C. Curtis), for an arrangement of lilies.
Gardeners' & Florists' Club of Boston, for a display of gladiolus.
G. Peabody Gardner, for a display of camellias.
Albert A. Hulley, for a group of begonia Red Supreme.
Mrs. Fred E. Shaw, for the finest stalk of iris Gloriole.
Waltham Field Station, for a collection of perennials.

First Class Certificates

Apple Davey, exhibited by S. Lothrop Davenport.
Azalea calendulacea Orange Puff, exhibited by Dr. George O. Clark.
Gladiolus Cover Girl, exhibited by Arthur A. Arenius.
Grape Cook, exhibited by S. Lothrop Davenport.
Lettuce Matchless, exhibited by Ernest Borowski.
Lilium X Coronation, exhibited by the Division of Horticulture, Central Experimental Farm, Ottawa, Ont., Canada.
Lilium X Maxwill, exhibited by F. L. Skinner.
Peony Annisquam, exhibited by Cherry Hill Nurseries.
Snapdragon Vee, exhibited by C. H. Lothrop.

Awards of Merit

Apple Jean, exhibited by S. Lothrop Davenport.
Apple Patton, exhibited by S. Lothrop Davenport
Carnation Arundel, exhibited by George H. Meloon.
Carnation Bette Davis, exhibited by Patten and Company.

Carnation Georgina Ingram, exhibited by W. D. Ingram.
Carnation Sylvia, exhibited by Patten and Company.
Cypripedium Stornoway (Memoria F. M. Ogilvie, Coyningham X Everest, Robert), exhibited by John S. Ames.
Gladiolus Neva, exhibited by Pasquale Vasaturo.
Hemerocallis Theron, exhibited by Elmer D. Merrill.
Lettuce Bel-May (Originated at Waltham Field Station), exhibited by Ernest Borowski.
Esperanza Auratum lilies, exhibited by Alwyne Buckley.
Lilium X Brenda Watts, exhibited by Sandyloam (Alan and Esther Macneil).
Lilium X Edna Kean, exhibited by Sandyloam (Alan and Esther Macneil).
Lilium X Isabella Preston, exhibited by Ralph M. Warner.
Lilium X Hurricane, exhibited by the Division of Horticulture, Central Experimental Farm, Ottawa, Ont., Canada.
Peony Magnolia, exhibited by Cherry Hill Nurseries.
Rose Hugalba (R. hugonis X R. alba), exhibited by Louis Vasseur.
Snapdragon Helen Tobin, exhibited by Harold E. White.
Tomato Trellis No. 22, exhibited by Benson & Young, Inc.

Votes of Commendation

Collection of camellias, exhibited by San Francisco Flower Show, Inc.
Outdoor-grown seedling camellias, exhibited by Robert O. Rubel, Jr.
Carnation Victory Red, exhibited by Paul F. Brigham.
Chrysanthemum seedling, exhibited by Earl Pilling.
Educational exhibit of gladiolus sister seedlings and parents, exhibited by George O. Rigby.
Edible soybean Aoda, exhibited by Charles R. Higbee.
Edible soybean Giant Green, exhibited by Charles R. Higbee.
Lilium X Davidi Oriole, exhibited by the Division of Horticulture, Central Experimental Farm, Ottawa, Ont., Canada.
Pink Winter-flowering snapdragon seedling, exhibited by the Massachusetts State College, Waltham Field Station.

Cultural Certificates

Bay State Nurseries, Inc., for a group of rhododendrons.
Harold Bent, for a collection of iris.
Ernest Borowski, for a display of well-grown azaleas.
Ernest Borowski, for a display of Campanula medium.
Ernest Borowski, for Campanula medium and C. m. calycanthema (Blue shades).
F. I. Carter & Sons, for a Southwest desert garden.
James R. Cass, for Lilium leucanthum chloraster.
Dr. George O. Clark, for blueberry Dixi.
Dr. George O. Clark, for clematis Crimson King.
Dr. George O. Clark, for clematis Henryi.

Dr. George O. Clark, for garden peas World's Record.
Division of Horticulture, Central Experimental Farm, Ottawa, Ont., Canada, for a collection of lilies.
George Hewitt, for an exhibit of stocks.
Stewart Johnson, for a display of acacias.
C. H. Lothrop, for an exhibit of double snapdragons.
William Todd, for a group of cinerarias.
William Todd, for well-grown cyclamen plants.

Votes of Thanks

The American Bulb Company, for Croft lilies (Shipped from Oregon).
Michael L. Barrar, for cherry tomatoes.
Michael L. Barrar, for dwarf horticultural shell beans.
Arthur P. Benson, for citron melon.
Allen Billingsley, for yellow pear tomatoes.
Allen Billingsley, for yellow plum tomatoes.
Ernest Borowski, for Euphorbia splendens.
Ernest Borowski, for Lilium philadelphicum.
Dr. George O. Clark, for Allium porrum (Leek in flower).
J. J. Comley, for dahlia Jane Cowl.
W. N. Craig, for Eremurus robustus.
Ernest A. Fletcher, for pansies.
The New England Nurserymen's Association and the American Society of Landscape Architects, for post-war planning.
George E. O'Brien, for hydrangeas.
D. L. Sabine, for a freak potato.
Louis A. Webster, for an exhibit of squash.
Wilfrid Wheeler, for an exhibit of Strawberry corn.

Honorable Mention

Arnold forsythia, exhibited by the Arnold Arboretum.
Arrangement of roses for dinner table, exhibited by the Copley Plaza Flower Shop.

The George Holliday Prize

The George Holliday Memorial Prize, which was established through the generosity of Mr. and Mrs. Robert Stone, was awarded to William Todd of North Uxbridge at the 1946 Spring Flower Show for a group of superbly grown flowering plants. This prize can only be awarded to an exhibitor of pot plants showing the highest standard of culture and is restricted to private gardeners.

Award to the Society

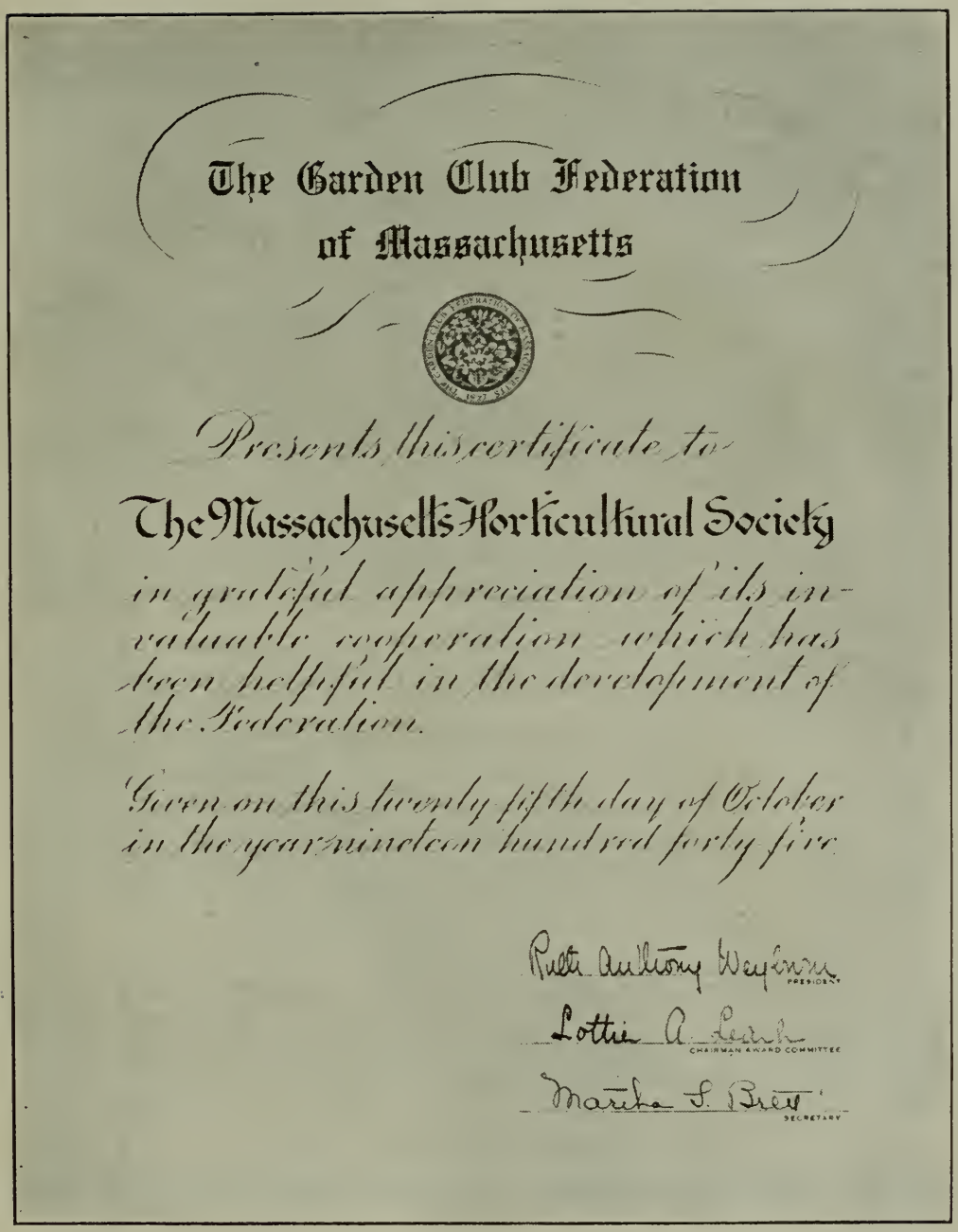
On October 25, 1945, the Garden Club Federation of Massachusetts awarded a certificate to the Massachusetts Horticultural Society, together with the following citation:

"Since its organization in 1927 the Garden Club Federation of Massachusetts has had the honor and privilege of a close association with the Massachusetts Horticultural Society, the second oldest and the most distinguished organization of its type in America. Therefore, it is pleased to acknowledge its indebtedness through a certificate to the Massachusetts Horticultural Society in grateful appreciation of its invaluable co-operation which has been helpful in the development of the Federation.

"At the invitation of Mr. Edward I. Farrington, the Society's Secretary, a group of women interested in gardening met to consider the organization of a garden federation in 1924 and in 1927 a permanent organization was formed. Since that time the Federation has enjoyed many privileges. (As for many of our blessings we feel an inner gratitude but do not give outward expression of our appreciation.) We hereby record our gratitude for the many advantages accorded our Federation and its members: For the use of the Lecture Hall for our larger meetings and of the smaller halls for conferences; for the privilege of having our official headquarters located in this building with its atmosphere of horticultural interest and activity; for the use of the Trustees' Room adjoining the library for our monthly board meetings; for the invaluable privilege of the Library, housing the finest collection of horticultural literature in this country; for the offer to our individual clubs of a social afternoon with a lecture on the library treasures; for the privilege of having a part in the great flower shows staged by the Society; for the page in the Society's magazine *Horticulture,* the Federation "News Bulletin"; and for many other courtesies. In return, we trust that our members in ever increasing numbers will support the society through their membership.

"We especially acknowledge our gratitude to the officers and trustees of the Massachusetts Horticultural Society; the office staff; the library staff; the staff in charge of the care of the building. We present this certificate to the Massachusetts Horticultural Society through its Secretary, Mr. Edward I. Farrington, whose courtesy and co-operation are much appreciated by the Federation."

LOTTIE A. LEACH, *Chairman of Awards.*


The Garden Club Federation
of Massachusetts

Presents this certificate to

The Massachusetts Horticultural Society

in grateful appreciation of its invaluable cooperation which has been helpful in the development of the Federation.

Given on this twenty fifth day of October in the year nineteen hundred forty five

Ruth Anthony Weyforth
PRESIDENT

Lottie A. Leach
CHAIRMAN AWARD COMMITTEE

Martha L. Brett
SECRETARY

Scroll awarded to the Society in 1945 by the Garden Club Federation of Massachusetts.

Garden Committee Awards

At a meeting of the Board of Trustees on December 18, 1945, the Trustees made several awards on recommendation of the Committee on Gardens, with Mr. Lewis as chairman. The Society's Gold Medal was awarded to the Waltham Field Station of the Massachusetts State College for its educational work and its service to commercial and amateur gardeners interested in the growing of market garden crops, home garden vegetables, perennials, annuals, greenhouse material and show garden plants.

It was voted to present a Scroll to the Boston Victory Garden Committee appointed originally by Mayor Tobin for its work in developing an outstanding demonstration garden on Boston Common and testifying also to the success of the committee in developing victory gardens in surprisingly large numbers at Franklin Park and on other properties belonging to the city. It was stated as a matter of interest that Mr. Ernest Hoftyzer, a member of the Board, had served as chairman of the committee, and that Mr. Arno Nehrling, who is the Society's director of exhibitions, had served as secretary of the committee.

It was voted that a Scroll be given to Mr. John R. Macomber for his estate Raceland in Framingham where thoughtful planting has made a private race track into a unique and livable estate of extensive proportions and where a very large stable and other buildings, as well as the practical features of such a racing enterprise are successfully camouflaged by clever combination plantings of trees and shrubs which add much to the appearance of the track and to the comfort and enjoyment of visitors who assemble there.

The following is a copy of the wording contained in the scroll awarded the Boston Victory Garden Committee:

THIS SCROLL IS PRESENTED TO THE

BOSTON VICTORY GARDEN COMMITTEE

BY THE

MASSACHUSETTS HORTICULTURAL SOCIETY

For its work in developing an outstanding demonstration garden on Boston Common and for its success in developing victory gardens at Franklin Park and on other properties belonging to the city. This committee,

appointed by the mayor, with Mr. Ernest Hoftyzer as chairman, and Park Commissioner William P. Long as director, obtained the co-operation of several thousand citizens in the cultivation of vegetable gardens by means of which many tons of food were produced at a time when war clouds hung low and severe food scarcities were threateneed. It is felt by the Trustees of the Society that this committee had an important part in carrying on a very necessary war-time effort.

JOHN S. AMES, *President.*

EDWARD I. FARRINGTON, *Secretary.*

The following is the wording of the scroll awarded Mr. George R. Macomber:

THIS SCROLL IS PRESENTED TO

GEORGE R. MACOMBER

BY THE

MASSACHUSETTS HORTICULTURAL SOCIETY

In recognition of the excellent way in which he has developed his estate known as Raceland in Framingham. Through thoughtful planning, he has transformed a private race track into a unique and livable estate of extensive proportions, where a very large stable and other buildings are successfully camouflaged by excellent combination plantings of trees and shrubs. Similar planting has given a very attractive appearance to the small race track maintained on the grounds and to the comfort and enjoyment of visitors who assemble there.

JOHN S. AMES, *President.*

EDWARD I. FARRINGTON, *Secretary.*

Albert C. Burrage Gold Vase Award

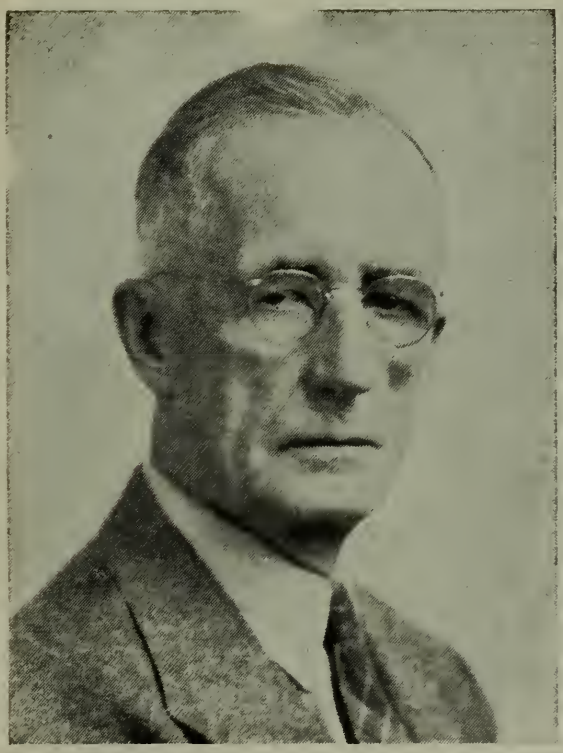
At a meeting of the Board of Trustees on December 18, 1945, it was voted on recommendation of the committee having the matter in charge, to award the Albert C. Burrage Gold Vase to the Frost & Higgins Company of Arlington for its redwood forest exhibit at the Spring exhibition in 1945, this being considered the outstanding exhibit at any of the Society's shows during the year.

Special Medal Awards

At a meeting of the Board of Trustees on December 18, 1945, several medal awards were voted on recommendation of the Special Medals Committee, with Mr. Ross as chairman. It was voted to award the George Robert White Medal of Honor to Mr.

EDMUND F. PALMER
of Vineland Station, Ontario
Awarded the
Thomas Roland Medal
in 1945

MRS. JOHN H. CUNNINGHAM
Awarded the
Society's Gold Medal
in 1945



WALTER B. CLARKE
of San Jose, Calif.
Awarded the
Jackson Dawson Memorial Medal
in 1945

William N. Craig of Weymouth, who at an advanced age is now retiring from business after a lifetime devoted to the improvement of horticulture, both as to plants and methods, and to the promotion of interest in horticulture in all its phases. Mr. Ross in making the recommendation for his committee described Mr. Craig as an outstanding figure in the horticultural world and as

DANIEL O'BRIEN
Awarded the
Society's Gold Medal
in 1945

The terrace overlooking the garden of Mrs. John H. Cunningham in Brookline.

A corner of the out-of-door living room which adjoins Mrs. Cunningham's delightful garden.

having exerted tremendous influence in many horticultural fields, with particular emphasis on lilies, about which he has written a popular book.

It was voted to award the Thomas Roland Medal to Professor Edmund F. Palmer of Vineland Station, Ontario, Canada. The award was based on the fact that Professor Palmer has distinguished himself in two fields. For 20 years, he was in charge of fruit breeding at the Vineland Station and has been responsible for most of the new peach varieties now being grown commercially in the Niagara Peninsular. He is even more widely known, however, as a gladiolus breeder, having originated many of the best varieties for commercial planting and for planting in the gardens of amateurs, his most popular variety being Picardy.

It was voted to award the Jackson Dawson Memorial Medal to Mr. Walter B. Clarke of San Jose, Calif., who has propagated and introduced to the garden lovers of America a large number of trees, shrubs and vines. Among his most important creations have been garden hybrids of chænomeles. His introductions through importations from abroad include many choice lilacs and flowering cherries from Europe and the Orient.

It was voted to award the Society's Gold Medal to Mrs. John H. Cunningham of Brookline. In recommending the award for his committee, Mr. Ross said, "It is with particular interest that the committee makes its recommendation to the Trustees, for Mrs. Cunningham has been a driving force in many fields of horticultural activity over a long period, her culminating achievement being her outstanding victory garden work in organizing and personally supervising the most successful canning kitchen in New England during World War II." In making the award, the committee recognized Mrs. Cunningham's exceptional executive ability as shown at the flower shows of the Society and in her garden club activities. The committee recognized also her untiring devotion to the horticultural cause here and elsewhere, and made mention of her success in developing and operating a completely charming and original garden at her home in Brookline.

It was voted to award the Society's Gold Medal to Mr. Daniel O'Brien, head of the school garden work in Boston. The fact was set forth that for many years, Mr. O'Brien has labored without ceasing to maintain a high standard of school gardens in this city, where school gardening in America had its origin. His efforts of many years in behalf of the exhibitions of the products of children's gardens at Horticultural Hall have been of great value to the Society.

The perennial garden at the Waltham Field Station.

Section of the vegetable planting area at the Waltham Field Station.

BOOKS ADDED TO THE LIBRARY

A List of Accessions Made Between May 1, 1945, and May 1, 1946

This list is so arranged as to serve as a supplement to the catalogue. Members are urged to make use of it.

Library Accessions

HORTICULTURE

General

Farrington, E. I. The gardener's almanac; 5th ed. 1945

Nemanick, R. A. All roads lead to the soil: data of everyday value to the man of the soil in a simplified and condensed form. 1942

Olson, C. M. Our beautiful yard. 1943

Seymour, E. L. D., ed. New garden encyclopedia; rev. ed. 1946

Watkins, J. V. Propagation of ornamental plants. (Florida agri. experiment sta. bulletin 347)

AUXILIARY SCIENCES

Soil Science

Jenny, H. Factors of soil formation, a system of quantitative pedology. 1941.

McDonald, A. Early American soil conservationists. 1941. U. S. dept. of agri. miscellaneous pub. 449)

Rodale, J. I. Pay dirt: farming and gardening with composts. 1945

Diseases and insects

Bastin, H. Insects, their life-histories and habits. 1913

Connold, E. T. British vegetable galls. 1902

McClintock, J. A. and Fisher, W. B. Spray chemicals and application equipment. 1945.

Parker, B. M. Insects and their ways, checked for scientific accuracy by A. E. Emerson. 1941

Smith, R. C. Common insects of Kansas. 1943. Kansas state board of agri. report, v. 62 no. 255)

Weeds

Fogg, J. M., Jr. Weeds of lawn and garden, a handbook for eastern temperate North America. 1945.

Welton, F. A. Control of lawn weeds and the renovation of lawns. 1941. (Ohio agri. experiment sta. bulletin 619)

ORNAMENTAL PLANTS

General

Foley, D. J. Garden flowers in color. 1945

Rand, A. C., comp. The commuter's garden record. 1907

Monographs

American iris society. Alphabetical **iris** check list 1939, supplement I, revised and corrected to January 1942

Cumming, A. Hardy **chrysanthemums**; revised [2d.] edition. 1945

Essig, E. O. **Fuchsias.** (reprinted from the national horticultural magazine, January 1934)

Haselton, S. E. **Cacti** for the amateur. 1938

Haselton, S. E. **Succulents** for the amateur. 1939

Hottes, A. C. The book of **annuals**; 5th edition. 1945
Hutchinson, H. G., ed. **Golf greens** and green-keeping. 1906
Jenkins, D. H. **Annual** flowers. 1945
Kumlien, L. L. The friendly **evergreens.** 1946
Laurie, A. Culture of greenhouse **roses.** 1944. (Ohio agri. experiment sta. bulletin 654)
National shade tree conference. Transplanting of **trees and shrubs** in the northeastern and north central United States. 1943
Pyle, R. How to grow **roses**; 19th edition. 1946
Saylor, H. H. The book of **annuals**: a pictorial guide to the choice and culture of 50 of the most dependable plants that flower the first year from seed. 1913

ECONOMIC PLANTS

General

Dorrance, A. Green cargoes. 1945
Leggett, W. F. The story of linen. 1945
Lucas, J. M. Indian harvest: wild food plants of the first Americans. 1945
Parry, J. W. The spice handbook. 1945
Taylor, N. Cinchona in Java. 1945
Wilson, C. M., ed. New crops for the new world. 1945

Vegetables

Free, M. War gardens, a pocket guide for home vegetables growers. 1918
Work, P. Vegetable production and marketing. 1945

Fruit

Hedrick, U. P. Grapes and wines from home vineyards. 1945
Jack, W. The apple. 1944
Motz, F. A. The fruit industry of Mexico. 1944
Sturrock, D. Notes on the mango. 1944
Wilkinson, A. E. Encyclopedia of fruits, berries and nuts. 1945

Food processing

Berry, R. M. F. Fruit recipes. 1907
Sparks, B. Zero storage in your home. 1945
Yates, L. H. The gardener and the cook. 1913

BOTANY

General

Chase, A., comp. Old and new plant lore, a symposium. 1944
Hiller, M. Hierophyticon: commentarius in loca scripturæ sacræ quæ plantarum faciunt mentionem. 1725.
Lysenko, T. D. Heredity and its variability; trans. from the Russian by T. Dobzhansky. 1946
Webber, Travellers all: the story of how plants go places. 1944
Yocum, L. E. Plant growth. 1945

Monographs

Berlese, L., abbé. Monography of the genus **Camellia**; trans. by H. A. S. Dearborn. 1838. reprinted 1945
Cole, E. L. T. Guide to the **mushrooms.** 1910
Craig, R. T. **Mammillaria** handbook. 1945
Halliday, R. J. Practical **camellia culture.** 1880. reprinted 1945
McKenny, M. A book of wayside fruits. 1945
Parker, B. M. Trees. 1941

Floras

Chase, J. S. Cone-bearing trees of the California mountains. 1911
Harrar, E. S. Guide to southern trees. 1946
Merrill, E. D. Plant life of the Pacific world. 1945
Middleton, M. Flowers of Bermuda. 1927
Ramaley, F. Wild flowers and trees of Colorado. 1909
Standley, P. C. Trees and shrubs of Mexico. 1920-1926. 3 vols. (U. S. national herbarium contributions vol. 23)
Verdoorn, F., ed. Plants and plant science in Latin America. 1944
Williams, J. O. Mammoth trees of California, illustrated by a comparison with other noted trees, ancient and modern. 1871

LANDSCAPE ARCHITECTURE

Davis, D. Georgetown houses of the federal period, Washington, D. C., 1780-1830. 1944
Décoration de jardins: recueil de jardinage . . . d'après les dessins de Boyceux, LeNotre, etc. 1900?
Graves, G. Trees, shrubs and vines for the northeastern United States. 1945
Murmann, E. O. California gardens. 1914
Ortloff, H. S. Garden planning and building, revised edition. 1945
Wilson, H. V. P. Perennials preferred. 1945

CONSERVATION

Lowdermilk, W. C. Palestine, land of promise. 1944
Shepard, W. Food or famine: the challenge of erosion. 1945

AGRICULTURE

General: Country life

Bromfield, L. Pleasant valley. 1945
Brunner, E. de S. Farmers of the world: the development of agricultural extension. 1945
Clark, W. H. Farms and farmers: the story of American agriculture. 1945
Cocannouer, J. A. Trampling out the vintage. 1945
Edwards, E. E., comp. Bibliography on the agriculture of the American Indians. 1942. (U. S. dept. of agri. miscellaneous publication 447)
Hall, Sir A. D. Book of rothamsted experiments; 2d edition revised by E. J. Russell. 1917

Howard, R. W. Two billion acre farm. 1945
Peabody, E. M. Your farm: a blue print for the city man, with special section "A living from chickens," by J. Menkin. 1945
Teller, W. M. Farm primer. 1942

Bees

Rowe, H. G. Starting right with bees; or, the beginner's hand book on bees . . . rewritten with supplementary chapters by E. R. Root; 6th edition. 1942

FORESTRY

Boerker, R. H. D. Behold our green mansions: a book about American forests. 1945
Bruère, M. B. Your forests. 1945.
Jarchow, H. N. Forest planting . . . care of timber lands. 1893

NATURE STUDY

General

Beebe, W., ed. The book of naturalists. 1944
Melbo, I. R. Our country's national parks. 1941. 2 vols.
Parker, B. M. Balance in nature. 1941
Teale, E. W. The lost woods: adventures of a naturalist. 1945
Van de Water, F. F. Fool's errand. 1945

Birds

Baynes, E. H. Wild bird guests and how to entertain them. 1915
Hiersemann, M. How to attract and protect wild birds. 1911
National geographic society. Common birds of town and country. 1914

ESSAYS AND POETRY

Carpenter, H. E. F. Flower heaven. 1945
Deland, M. The old garden and other verses. 1889
Hutchinson, F. K. Our country home: how we transformed a Wisconsin woodland. 1907
Maril, L. Crack and crunch: nuts in fact and fancy. 1945
Maril, L. Savor and flavor: berries in fact and fancy. 1945
Pearson, H. S. Country flavor. 1945
Scott, T. In praise of gardens. 1910

FINE ARTS

Fanstone, R. M. All about photos in the garden and your camera. 1941
Rogers, M. Manual on flower arrangement. 1945
Soules, K. Modern florist designing. 1945

BIOGRAPHY

American men of science; 7th edition. 1944
Bailey, J. C. **Seaman A. Knapp**, schoolmaster of American agriculture. 1945
Beeson, E. B. The early life and letters of **Luther Burbank.** 1927
Dictionary of national biography . . . the concise dictionary from the beginnings to 1930, an epitome of the main work. 1939

Hunger, F. W. T. Charles de l'Escluse: Carolus Clusius, Nederlandsch kruidkundige 1526-1609, volume 2. 1942
Wade, M. The life of **Francis Parkman.** 1942
Wolfe, L. M. Son of the wilderness, the life of **John Muir.** 1945

TRAVEL

Foster, M. B. Brazil. 1945
Honig, P., ed. Science and scientists in the Netherlands Indies. 1945
McFarland, J. H. Eagles Mere and the Sullivan highlands. 1946
Wildman, E. E. Penn's Woods, 1682-1932. 1944

BOOKS FOR CHILDREN

Bruère, M. B. Your forests. 1945
Dorrance, A. Green cargoes. 1945
Foley, D. J. Garden flowers in color. 1945
Lucas, J. M. Indian harvest: wild food plants of the first Americans. 1945
McKenny, M. A book of wayside fruits. 1945
Maril, L. Crack and crunch: nuts in fact and fancy. 1945
Maril, L. Savor and flavor: berries in fact and fancy. 1945
Melbo, I. R. Our country's national parks. 1941. 2 vols.
National geographic society. Common birds of town and country. 1914
Parker, B. M. Balance in nature. 1941
Parker, B. M. Insects and their ways. 1941
Parker, B. M. Trees. 1941
Webber, I. E. Travellers all: the story of how plants go places. 1944

Gifts to the Library

The Massachusetts Horticultural Society acknowledges with thanks gifts to the Library from the following donors:

Allen, E. W. (in memory of Beatrice Allen Patton).
The gardener's day book, by R. Wright.

Chandler, Joseph H. (Bequest).
Forest planting . . . care of timber trees, by H. N. Jarchow.
Fruit recipes, by R. M. F. Berry.
The gardener and the cook, by L. H. Yates.
Guide to the mushrooms, by E. L. T. Cole.
How to attract and protect wild birds, by M. Hiesemann.
In praise of gardens, by T. Scott.
Insects, their life-histories and habits, by H. Bastin.
The old garden and other verses, by M. Deland.
Old-fashioned gardening, by G. Tabor.
Old-time gardens, by A. M. Earle.

Farrington, E. I.
The commuter's garden record, comp. by A. C. Rand.
Flowers of Bermuda, by M. Middleton.

Wild bird guests, how to entertain them, by E. H. Baynes.

GRAVES, GEORGE.

Trees, shrubs and vines for the northeastern United States, by George Graves.

War gardens: a pocket guide for home vegetable growers, by M. Free.

HEDRICK, U. P.

Grapes and wines from home vineyards, by U. P. Hedrick.

INGOLD, JACK

Heredity and its variability, by T. D. Lysenko, trans. from the Russian by T. Dobzhansky.

MCKELVEY, MRS. S. D.

Décoration de jardins: recueil de jardinage . . . d'après les dessins de Boyceux, LeNotre, etc.

ORCUTT, MRS. PHILIP DANA

American journal of horticulture, volume 3.

Bulbs, a treatise on hardy and tender bulbs and tubers, by E. S. Rand.

The field and garden vegetables of America, by F. Burr, Jr.

Seventy-five popular flowers and how to cultivate them by E. S. Rand.

RUBEL, ROBERT O., JR.

Practical camellia culture, by R. J. Halliday. (reprint)

TOZZER, MRS. A. M.

Chinese houses and gardens, by H. Inn

TRUDA, MRS. ANGELO

Cacti for the amateur, by S. E. Haselton.

Succulents for the amateur, by S. E. Haselton.

WEBSTER, MRS. HOLLIS

British vegetable galls, by E. T. Connold.

WHITMAN, ALICE S.

Rocky Mountain flowers, by F. E. Clements.

WINFIELD, MRS. JAMES E.

Enjoy your house plants, by D. H. Jenkins.

The fruit industry of Mexico, by F. A. Motz.

Distribution of Members

A check of the membership of the Society in Massachusetts was made recently in order to ascertain the distribution of members in respect to counties. Below is given the number of members in each county:

Barnstable — 88; Berkshire — 26; Bristol — 194; Dukes — 2; Essex — 831; Franklin — 21; Hampden — 64; Hampshire — 39; Middlesex — 2396; Nantucket — 2; Norfolk — 1426; Plymouth — 313; Suffolk — 1159; Worcester — 312.

One of the exhibits set up by the garden clubs in the flower arrangement classes at the Spring Flower Show in 1946.

Benevolent Fraternity Fruit and Flower Mission

The Benevolent Fraternity Fruit and Flower Mission again wishes to take this opportunity to thank the trustees of the Massachusetts Horticultural Society for its headquarters in the basement of Horticultural Hall and for the continued friendly interest in our work of the Secretary, Mr. Farrington.

The recent years have been critical ones but we have seen the end of the Second World War. Nearly everyone has been busy with many war duties and we feel that we have every reason to rejoice that we have been able to carry on our activities.

In all, 501 hampers, cartons and boxes were received at the four centers during the Summer from 24 towns. Grafton, Scituate, Hanover, Duxbury, Westboro, Wollaston, Hingham, Groton, Weston, Wayland and Newton Centre had a 100 per cent record. Lexington, Lincoln and Marblehead missed only one week.

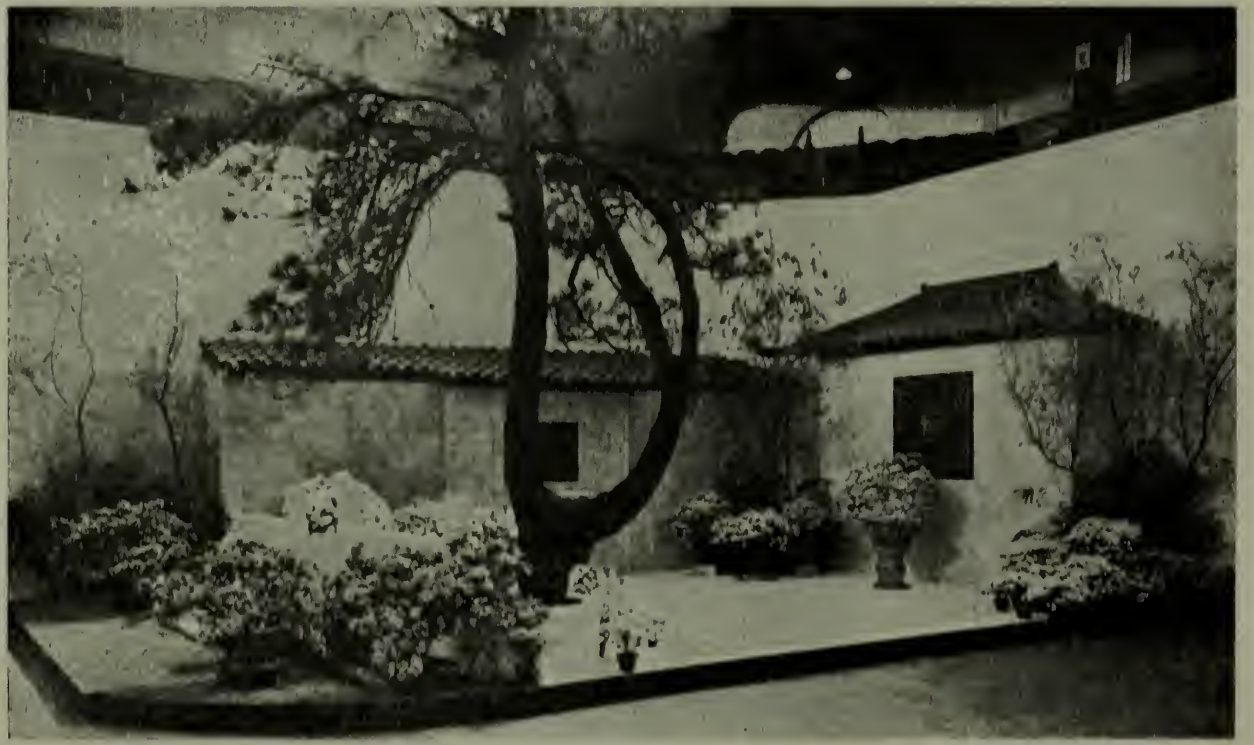
Grafton was again our banner town sending in a total of 101 hampers and cartons. Lexington was second, Duxbury third and Scituate fourth.

A total of 390 individuals were reached at Thanksgiving, Christmas and Easter with baskets, gift sprays and gift packages. Our recipients were very grateful for these baskets as is shown in their letters of appreciation. Most of the recipients are on old age pensions or relief and living alone in rooming houses.

Mrs. Geoffrey G. Whitney generously contributed 67 tickets for the Spring Flower Show for special people who otherwise could not have attended and who will long remember that day throughout the year.

The Fruit and Flower Mission is fortunate in having so many kind friends.

Ethel E. Hudson, *Executive Secretary.*



Chinese garden set up by Mr. and Mrs. John S. Ames at the 1946 Spring Flower Show and awarded the Gold Medal Certificate of the Horticultural Society of New York.

MASSACHUSETTS HORTICULTURAL SOCIETY

REPORTS

OF THE

OFFICERS AND COMMITTEES

PRESENTED AT THE

ANNUAL MEETING, MAY 6, 1946

Exhibit of the Weston Nurseries at the 1946 Spring Flower Show in Boston which was awarded the Society's Gold Medal.

The Annual Meeting, 1946

The annual meeting of the Massachusetts Horticultural Society was held at Horticultural Hall at 3:00 p.m. on May 6, 1946, with the president, Mr. John S. Ames, in the chair. Mr. Ames appointed as tellers, Mr. James Geehan, Miss Faith Freeman and Mrs. Edwin F. Steffek.

The secretary read the call for the meeting and the minutes of the previous annual meeting, after which the president presented his annual address as follows:

The President's Address

At the end of the war we were met with this question, "Will interest in gardening continue to grow or will there be a falling off in this interest with the coming of peace and a greater opportunity for other recreational pursuits?" We proceeded on the assumption that fewer vegetable gardens would be made but that, on the other hand, a greater number of people than ever before would turn their attention to the growing of ornamental plants.

We planned to shape our activities to that end but the present famine situation abroad and the requests of the government in Washington and the governor of our state have made it necessary for us to change our plans and give greater attention to this project, which is fast coming to assume proportions of the greatest magnitude. It is a duty for each one of us to plant a home garden.

Membership in the Society has shown a remarkable growth and now numbers well over 8,000. Our magazine *Horticulture* has been remarkably successful in attracting members for the Society from all parts of the country. Only a few states remain in which the Society is not represented by one or more members. It is the appeal of the library, however, which is largely responsible for the interest in the Society among active garden makers in other sections. It is not unusual for books to be sent to Georgia, California and other distant states. Georgia is mentioned in particular because an unusually interested group of Society members is found there, men and women who have as a particular hobby the growing of camellias.

Turning from this side of the picture, we find ourselves confronted with a situation which is less satisfactory. Through no fault of anyone there has been a fairly sharp decline in revenue from investments in the past two years. As is to be expected, this Society's investments are largely in bonds. In former years, most

of these bonds yielded five per cent or better. To a large extent, they have been withdrawn and replaced with bonds yielding four per cent or less. I can assure you that the treasurer and the finance committee have not had an easy time in their efforts to maintain an adequate revenue from investments, while at the same time keeping these investments safe.

When the Society found itself faced with the possible need of drawing on its capital, the trustees decided to inaugurate a very conservative campaign for adding to its endowment fund, thus increasing the annual income. This campaign is now under way and many of the members present have, no doubt, received a circular explaining the undertaking. The response is gratifying but I want to make it plain that the officers and trustees are glad to have even very small contributions. They realize that the success of an institution like this depends upon holding the interest of all its members.

To still further improve the financial situation, "a white elephant sale" is planned for next October. It is expected that this sale will be conducted on a generous scale and I ask now for the co-operation of our members.

I believe that the risk of depending upon the Spring Flower Show to meet running expenses each year is far too great to be continued. The Society's revenue should be sufficient for the lean years which always come from time to time and when the profits are very small. This year's show was, of course, unusually successful with an attendance of 129,000, the largest in the Society's show history. This is a figure which compares very favorably, indeed, with the attendance of 175,000 at the New York show. It is well to remember, however, that the expenses were far greater than those at any previous show—far greater than had been called for in the budget. This is a sober fact to consider when thinking of a show as a great financial success. I wish, however, to express my thanks in this public way to everyone who had a part in making this show the very distinguished and impressive event which it proved to be. It will mark a milestone in our history.

We have continued to have the most pleasant relations with the 13 or 14 different organizations having their headquarters or meeting places in this building and I am happy to say that most of these organizations have guaranteed their warm support in any efforts which may be made to maintain the organization at its present point of efficiency and to help it carry on the many and varied activities in which it is engaged.

In the course of the year, we sold the property in Sudbury

which came to us from the late Joseph E. Chandler. The trustees have been criticized in some quarters for not keeping the Chandler place as a test garden or a memorial to Mr. Chandler. Anyone, however, who investigates the facts will quickly see that conditions were such that such a plan could not possibly have been carried out. It seems to me that Mr. Chandler's generosity to the Society can be effectively preserved by keeping the money received from his property as a separate fund to be known as the Joseph E. Chandler Fund and thus published it in our records. Mr. Chandler was a very able man and very kindly disposed toward the Society of which he served at one time as a trustee. The Society is greatly indebted to him.

It is with great regret that I regard the resignation of Mr. Charles K. Cummings as Vice-president of the Society and ex-officio member of the Board of Trustees. Mr. Cummings finds that circumstances make this action necessary but we shall miss him, for he has served long and faithfully, both as a Vice-president and as Chairman of the Library Committee.

There are many activities which I have not discussed but which have been handled competently by the committees and employees responsible for them. Some of these activities will be reported upon by committee chairmen and by the Secretary. As President, I have kept in close contact with the work here at Horticultural Hall and I can say that I am very gratified at the enthusiasm and the energy displayed by the members of the Society, particularly by the members of the garden clubs who have been concentrating upon relief work at the veterans' hospitals. With the kind of work in which we are engaged in such competent hands, the outlook for horticulture in New England and for the Massachusetts Horticultural Society was never more promising.

JOHN S. AMES, *President*.

Report of the Secretary

Interest in horticultural pursuits is steadily increasing, if it can be measured by the increase in membership shown by this Society in the past year. Twelve months ago we had 7,200 members. As of today, the Society has 8,151 members. Membership figures are always of interest as indicating trends. The high point of this Society was in 1938, when the total membership was slightly greater than 9,000. Ten thousand members was the goal at that time but, because of the necessity of increasing revenue, the dues were raised from $2.00 to $3.00 a year. This increase in dues was followed by an immediate drop in membership which

continued until 1942 when the Society reached its low point of the last decade with a membership of 6,633. Since that time it has been climbing steadily, year by year, and it seems reasonable to believe that in another year or two the 9,000 mark will again be reached. The present figure is, of course, far beyond that of any similar organization in the country, although it is pleasant to learn that the New York and Pennsylvania societies are also showing an upward trend.

It is also interesting to note the extent to which the magazine *Horticulture* acts as a feeder for the Society. In January, for example, 38 subscribers to *Horticulture* became members of the

Exhibit of Greene Herb Garden of Greene, R. I., at the 1946 Spring Flower Show.

Society. Thirty-one subscribers became members in February and in March, 65 subscribers became members. This, of course, refers only to members of this Society. *Horticulture* also helps to feed both the New York and Pennsylvania societies in the same manner. The magazine has increased its circulation to 40,000 and goes to all parts of the world.

The additional revenue received from the increased membership is welcome, inasmuch as the Society's operating expenses have increased at an extremely rapid rate. Practically everything in the way of supplies (and our purchases are necessarily heavy) has

increased in price. This is true, also, of course, with respect to labor. The president has enlarged upon this situation. I can only say in addition that the plans for a "white elephant sale" in October call for a unique event and one which may well be supported by all the Society's members.

With the close of the war several of the activities which had to do with war gardens, food preservation, the distribution of war garden bulletins and the like were discontinued but this work has had to be resumed in some measure because of the unexpected demand for increased food production. Several members of the staff have been appointed to the Governor's special committee dealing with this subject. *Horticulture* has been giving it special attention and Mr. Graves has discussed it in his morning broadcasts.

Increasing attention is being given, however, to educational projects through classes and this work is expected to be expanded. It is, of course, the primary function of this organization to disseminate horticultural information of all kinds and, as in the past, the library continues to be the heart of the organization's activities.

During the past year the librarian has invited garden clubs and other organizations to come here for lectures on horticultural matters, for which no charge is made. The library has acquired a large collection of prints and other pictures and, as soon as conditions are favorable, exhibitions of these pictures as well as rare books will be made.

Among the newer activities undertaken the past year has been the handling of books on a fairly large scale and the distribution of circulars listing books recommended by the Society. Not only have many books been sold through this agency but much additional interest in the library has been stimulated. It is planned to continue this activity.

The Employment Bureau, the management of which is one of James Geehan's many duties, has been unusually busy since the end of the war. Apparently, most private gardeners in this section are now placed through the bureau maintained here, the services of which are free. Indeed, calls for help in this respect come from all over New England and even from other states. This bureau has become particularly important with the return of service men.

The Society provides headquarters for the Benevolent Fraternity Fruit and Flower Mission, the work of which is sometimes overlooked. This organization supplies hospitals, shut-ins and in-

valids with flowers and fruit the year around, being aided by the garden clubs which send in hampers throughout the Summer. This organization also distributes the flowers which remain at the end of our shows. This last statement may answer questions often asked about what becomes of the flowers after a show.

The fact that this year's Spring Flower Show was held in Mechanics Building has made it easier to carry on all the work at Horticultural Hall without serious interruption. It also made possible a much larger attendance than could be provided for in this building. Horticultural Hall suffered physically, to some extent, from the great crowds which assembled here for the Spring shows during the war, necessitating repairs after each show. There was some question about the advisability of going back to Mechanics Building this year but Mr. Nehrling, the Show Manager, was confident that the move would be a wise one and the Exhibition Committee backed him up. The success of the show is sufficient evidence that Mr. Nehrling and the committee were right.

The Society has long carried on projects for improving conditions in Boston, working with the Boston Tuberculosis Society. The result has been the clean-up of hundreds of back yards which formerly were filled with refuse and filth, turning them into gardens and play yards. This work has now been expanded.

What has been said does not by any means embrace all the educational and charitable operations carried on by the Society but indicates to some extent their comprehensive character. In closing, the Secretary wishes to express his appreciation of the cooperation and assistance given him by the officers, the trustees and the members of his staff.

EDWARD I. FARRINGTON, *Secretary.*

Report of the Library Committee

Almost all the events and developments of 1945-1946 center, as might be expected, upon our return to peace-time living. In the reading room, for instance, visitors are no longer predominantly in uniform. The questions a year ago were often about the plants of the Pacific areas or what a gardener should visit while stationed in Boston. Now they are most often on the design of small home properties, the choice of good plant materials, the fine points of flower gardening, or the management of a greenhouse.

Last year this committee offered an enlarged program of lectures for garden clubs. Ten clubs have invited members of the library staff to speak and most of these meetings have been held at Horticultural Hall. The library has, also, by invitation, showed

appropriate books at the monthly meetings of the Horticultural Chairmen, at the mid-Winter meeting of the Garden Club Federation of Massachusetts and at the annual meeting of the New England Wild Flower Preservation Society.

In reaching a wider public, however, the Spring Flower Show just past was the greatest opportunity in a number of years. The official Information Booth was under the direction of the Reference Librarian and served as a center for information on the show and also on general gardening problems—a demonstration of the service offered on a year-round schedule to members. The booth was also equipped with a carefully selected collection of books from the library.

People are more interested than ever before in owning gardening books as well as in borrowing them. This trend has been growing throughout the Winter and Spring and was very plain at the Spring Flower Show where questions about good books and purchases were double those of any other year.

During the calendar year 1945 (the basis for statistics) 323 books were added to the collection. A total of 3,985 volumes were borrowed. Since our members live in all parts of the country, many of these loans went by mail, in 1,245 packages. Almost exactly half of these parcels, 615 in all, went outside of Massachusetts, to points as far apart as Nova Scotia, California, Kentucky and Mexico.

Additions to the book collection included a number of volumes from the estate of a former trustee, the late Joseph H. Chandler. From Mrs. J. D. Cameron Bradley we also received the generous gift of eight rare early herbals and gardening books. Any one of these books would have been an important addition to our collection of early literature, but to receive all of them in one year is a red-letter event.

One of the greatest problems in serving a non-resident membership is keeping the members informed of the books available to them. Several editions of a "Selected Catalog" have been issued and a new one is in order. Until the reclassifying of the library is finished, however, a simpler but still comprehensive "Four Hundred Books for Amateur Gardeners" will take its place. This list is now in the printer's hands and a copy will be sent to each member of the Society.

In closing its report, the Library Committee wishes, once more to emphasize and pay tribute to the devoted service given by the Librarian, Miss Manks.

C. K. CUMMINGS, *Chairman.*

The garden of Frost & Higgins which was awarded a Gold Medal at the 1946 Spring Flower Show.

Report of the Treasurer

STATEMENT OF FINANCIAL CONDITION

Assets		
Cash in Banks and on Hand		$ 70,095.98
Treasurer: In bank	$ 63,783.41	
Bursar: In bank	6,302.57	
On hand	10.00	
	$ 70,095.98	
Investments Valued at Book Value		589,770.81
Capital Assets		592,586.38
Real estate	$498,564.63	
Improvements and additions to buildings	47,441.28	
Library	46,580.47	
	$592,586.38	
Deferred Charges		3,391.72
Spring Show, 1946	$ 2,545.17	
Book Publishing	846.55	
	$ 3,391.72	
		$1,255,844.89
Liabilities and Capital Funds		
Liabilities—Accounts payable		$ 1,222.20
Sundry Funds		526,886.74
Special uses: Principal	$184,694.78	
Unexpended Income	12,148.66	
	$196,843.44	
General uses: Principal	330,043.30	
	$526,886.74	
Joseph Everett Chandler Bequest		19,872.41
Life Membership Fees		26,694.00
Mount Auburn Cemetery Fund		55,053.52
Capital		564,524.70
Surplus (Capital)		66,559.21
Balance, January 1, 1945	$ 57,076.10	
Add: Net profit on sale securities	9,483.11	
	$ 66,559.21	
Deficit at December 31, 1945		*4,967.89*
		$1,255,844.89

STATEMENT OF INCOME, EXPENDITURES

Income	*Year Ended December 31, 1945*	*Year Ended December 31, 1944*
Income from investments and bank interest (less portion allocated to restricted funds)	$24,005.70	$22,726.17

Membership fees	20,409.00		18,958.50	
Rentals	5,168.62		5,871.50	
Spring Show, 1945	19,952.72		.....	
Spring Show, 1944	.....		24,776.26	
Incidentals	246.07		225.51	
Income Mt. Auburn Cemetery Fund and miscellaneous	361.21		.....	
Sundry donations	.....		76.00	
Transfers from Show Fund income and War Activities Fund	885.54		.....	
Donations and books sales—Library	308.95		2,387.10	
Horticulture Income	78.90		*382.04*	
		$71,416.71		$74,639.00
EXPENDITURES				
Operating Expenses:				
Building expenses	$24,635.87		$23,076.08	
Library expenses	6,763.46		6,947.86	
Office and general expenses	41,051.79		36,521.04	
Miscellaneous exhibition expenses	5,660.13		5,025.81	
Autumn Show, 1944	.....		2,913.77	
		78,111.25		74,484.56
Awards, Lectures, and Miscellaneous:				
Lectures	$ 233.30		.....	
Medals and certificates	241.68		388.90	
Prizes in excess of funds	.....		35.88	
		474.98		424.78
		$78,586.23		$74,909.34
Excess of Expenditures Over Income		*$ 7,169.52*		*$ 270.34*
Balance of Earned Surplus at January 1, 1945	$ 2,592.93			
Less: Adjustment Show manager's salary, 1944	400.00			
	$ 2,192.93			
Add: Adjustment *Horticulture* prior year	8.70	2,201.63		
Deficit, December 31, 1945		*$ 4,967.89*		

WALTER HUNNEWELL, *Treasurer.*

Report of the Committee on Exhibitions

The past year has been one of the most successful flower show years in the long history of the Massachusetts Horticultural Society, both from the standpoint of exhibits and from the financial side. As a matter of fact, the 75th Annual Spring Flower Show broke all attendance records as well as yielded the largest profit to the Society from any one show. I think that it is only fair to repeat here that the Show Committee is expected to make a profit of at least $20,000.00 at each Spring Flower Show as a necessary supplement to the income of the Society to cover its general operations and maintenance. During the war years when smaller shows had to be crowded into Horticultural Hall we failed to make the desired annual profit but this year the profit will be well in excess of twice the amount that was expected. So, in this regard, the Show Manager deserves the commendation of the Society.

The committee held 10 meetings during the year, giving much thought and attention to the numerous problems that developed regarding the nine shows that were planned and conducted. There was also one joint meeting with the Prize Committee. The Daffodil and Tulip Shows were cancelled because of unfavorable weather conditions. The Fall Show was also dropped from the schedule because of the financial condition of the Society. There was considerable opposition to dropping the latter show, as many individuals prefer it to the larger Spring Show. It will be reinstated this Fall, however, the scheduled dates being November 14-17.

All of the shows were successful and all were well-attended. The close of the war, the removal of restrictions on travel and the availability of gasoline, of course, affected the picture favorably. The increased attendance at all shows was marked, especially at the Lily Show in July 1945 and the Spring Show in March 1946. The recently established Lily Show is actually attracting nation-wide attention, with nearly 3,000 visitors at the 1945 show. It is the hope of the committee that this show may eventually be as important to the nation as the Royal Horticultural Society's Lily Show is to Great Britain. The June Show, chiefly of roses and peonies, was outstandingly successful.

Following the close of the war a special meeting of the committee was held in August to discuss the problems of the Spring Show: whether to continue to hold it in Horticultural Hall or to return to the more commodious Mechanics Building. Some felt that it would be unwise to make the change at this time, others favored it. It was finally voted to recommend to the Board of

Exhibit of Sherman Eddy of Avon, Conn., at the 1946 Spring Show.

Trustees that the latter course be followed and this recommendation was later approved by the board. The committee was authorized to expend up to $65,000.00 but, because of increased costs in labor, supplies and transportation, this had to be increased from time to time. That we were justified in proceeding with the larger exhibition in Mechanics Building, even if the original budget had to be considerably increased, is evidenced by the fact that the previous record attendance of 116,000 at the Centennial Exhibition in 1929 was greatly exceeded, the total at the 1946 show being 129,085.

While the books are not yet closed, the accounts now nearly completed show clearly that the Spring Show profits will greatly exceed those of any previous exhibition. Several important factors were involved in this successful venture, including perfect weather conditions for the entire period of the show; the more ample space in Mechanics Building as compared with the badly congested shows held during the war years in the much smaller Horticultural Hall; the excellent publicity extended by both the press and the radio; and an attractive and well-planned show that advertised itself. The committee in planning the show insisted on having unusually wide aisles, the floor plan being so devised that there would always be a smooth traffic flow, without "bottle necks." At no other show in the history of the Society has this detail been better taken care of. The indications now are that the profit from the Spring Show will be at least $50,000.00 when the books are finally closed.

While we may congratulate ourselves on the success of this, the 75th Annual Flower Show of the Massachusetts Horticultural Society, for its excellence, attendance and profit to the Society, for in the last two fields all records were broken, we should remember that conditions may be different in future years. It may well be that many years may pass before we equal or exceed the 1946 attendance and profit figures.

As all members of the Society should know, many of the services that the organization renders to horticulture depend upon the profits of the annual Spring Show. This being so, your committee strongly feels that its reserve fund should be increased by from $6,000.00 to $10,000.00 from this year's profit and that the general program of the Society should not be expanded year after year at the expense of the Spring Show profits. We recommend additions to this reserve, in varying amounts, each year that a profit is realized and, if and when the reserve becomes manifestly too high, then a part of it should be funded and made a part of the permanent endowment of the Society. In this way,

over a period of some years, important additions could be made to the endowment funds of the Society which we all realize are not now sufficient for its needs. The present reserve for Flower Show purposes is about $44,000.00. We urge that from the profits of this year it be increased to at least $50,000.00. We also feel that the income from this reserve should be expended for show purposes only, or, if not so expended, it should be added to the reserve fund and not, as is now the case, be assigned to the general use of the Society.

Approximately two months after the Spring Show we are still unable to inform you what the actual profit is except that it will be considerably larger than at any previous exhibition. The reason is that the accounts are involved with that of the Massachusetts Horticultural Society as a whole and several months must elapse before all adjustments can be made. Under these conditions we never know just what is being charged to the Show Department or why certain charges are entered against it. It is thus impossible for either the Show Manager or the Exhibitions Committee to get a true picture of the finances of this important department at any time and it is important, since it brings in, on the average, one-third or more of the total operating income of the Society. It is strongly recommended that the Flower Show Department be treated as a separate unit and that a separate set of books, covering the operations of the department be opened. This account should cover not only the Spring Show records but also all the income from established funds assigned to flower show purposes. Certainly, if one department (*Horticulture*) has its own set of books, and this a department that normally operates at a deficit, then such an important activity as the Show Department which makes large profits for the benefit of the Society deserves equivalent treatment.

Because of the increasing demands upon the Show Manager, the time has come to provide him with a full-time assistant. The tremendous amount of detailed work involved in the staging of the Spring Show is evident to all who visited it. The smaller shows held in Horticultural Hall have developed to such a point that one man really cannot take care of all details. An assistant to the Show Manager would not only relieve the very great burden that he carries—and, incidentally, he has had no real vacation in 10 or more years—but he could also relieve the regular bookkeeping department by taking on the duties involved in keeping proper records of the Show Department.

We have had a most successful year. In fact, from a financial standpoint by far the largest income to the Society in its entire

history. The Flower Show profit should more than offset the deficit that was authorized when the budget for this year was approved. We believe that expenses at future shows must be held to a minimum if the annual profits necessary to maintain not only the flower shows but also many other activities of the Society are to be realized. We are, indeed, fortunate in the organization of the Show Department, fortunate in our Show Manager and fortunate in having the cordial co-operation of the numerous exhibitors who make our shows possible and successful. I wish to repeat what I stated last year, that the Society is really under very great obligations to its supporting exhibitors and that one and all of them deserve the thanks of this organization. I wish also to extend my personal thanks to all members of the committee who have co-operated so well in making the yearly program the success that it was.

ELMER D. MERRILL, *Chairman.*

Report of the Committee on the Exhibition of the Products of Children's Gardens

A wonderful growing season was probably the main factor in making the Children's Show one of the best we have ever held at Horticultural Hall. The assistance the children received from the school garden instructors also had a great deal to do with the success of the show. According to Professor Dempsey, the quality of the material was above the average. In fact, in many cases as good or even better than that grown by adults.

The show was planned so that every exhibit showed up to good advantage. At the same time the committee tried to create a feeling of unity which is difficult when there are so many individual exhibits.

As in former years the show was in two parts, the 4-H Section and the School and Home Garden Section. The number of individual entries in the 4-H Section totalled 576 and in the School and Home Garden Section there were 959 entries or a total of 1,535 individual exhibits. The fact that the flower entries were well filled helped to make the show more varied and colorful.

The weather at the time of the show was fair and cool which we believe helped the attendance. The committee has finally succeeded in interesting the adults in this exhibition and, at all times, there were just as many adults as children in attendance.

It is not often that the Society's medals are awarded at this show but the exhibit staged by the Women's Municipal League Embankment Garden under the direction of Mr. McGuckian,

consisting of vegetables and flowers was awarded the Society's Silver Medal Certificate. The Bronze Medal Certificate of the Society was awarded to the Woburn School Garden for the second largest and best collection of vegetables and flowers. Both of these exhibits were outstanding and as good as some of the exhibits staged at our regular shows.

The committee is very much interested in widening the scope of the Children's Show. We feel that it is too much of a local affair and with the facilities we have at Horticultural Hall we could take care of exhibits from all sections of Massachusetts. Now, we should like to solicit the aid of the members of the Society and those who are interested in garden clubs and ask them to publicize the Children's Show in their respective communities. The children may exhibit in groups, as organizations or as individuals. The schedule for the coming Show is ready for distribution. In fact, anyone wishing a copy may obtain one at the end of this meeting. Remember that any child under 18 years may exhibit at the Children's Show.

May I, in closing this report, express the thanks of the committee to Mr. Daniel O'Brien, assistant director in charge of gardening and vocational agriculture in the Boston schools, and his assistant Mr. Henry G. Wendler for their wonderful co-operation and assistance in staging the show so efficiently. Mr. Earle Nodine in charge of the 4-H Club Section of the show, as usual, deserves much credit for the splendid exhibits that were staged under his direction by the 4-H Club boys and girls.

S. J. Goddard, *Chairman.*

Result of the Balloting

At the close of the meeting, Mr. Ames announced that 78 ballots had been cast and the following officers and trustees elected:

President: John S. Ames
Vice-Presidents: Dr. George O. Clark
Aubrey B. Butler
Trustees: George W. Butterworth
Mrs. John Gardner Coolidge
Mrs. S. V. R. Crosby
George Lewis, Jr.
Q. A. Shaw McKean
William P. Wolcott

Adjourned at 4:00 p.m.

Following the meeting, tea was served under the direction of a committee of which Mrs. Roger S. Warner was chairman.

The Passing of William H. Judd

William H. Judd, propagator at the Arnold Arboretum and a member of this society since 1922, passed away suddenly on the night of May 23.

Mr. Judd was propagator at the Arnold Arboretum for 33 years, going there first as an assistant to the late Jackson Dawson. He was in close association with Professor Charles S. Sargent, the first director of the Arboretum, with Ernest H. Wilson, famous plant hunter, and with other prominent persons connected with the Arboretum. He was the first to propagate many of the new plants introduced into this country.

Born at Preston Brook, Cheshire, England, in 1888, Mr. Judd was trained as a horticulturist and when a very young man accepted a position at Kew Gardens. Later he came to this country (in 1913) to take up his work at the Arnold Arboretum.

Mr. Judd was awarded the Jackson Dawson Gold Medal in 1931. Among his other awards was the Veitch Memorial Gold Medal, presented to him by the Royal Horticultural Society for his distinguished work in horticulture.

The Death of Dr. Walter G. Kendall

Dr. Walter G. Kendall of Atlantic, who died June 7, 1946, probably possessed a greater number of the Society's medals than any other person. Dr. Kendall, who was 93 years old, had been an exhibitor in the halls of this Society for nearly half a century and had won hundreds of awards for his exhibits of fruits, particularly pears and grapes. He became a member of the Society in 1891 and was always active in its behalf. He grew his grapes in a geological formation known as a "kettle hole" and experimented with every kind that can be cultivated in this climate. He was always willing to give advice to beginners and wrote a bulletin on grape culture for this Society.

For several months the Society was given the use of one of the display windows in the corridor of the New England Mutual Life Insurance Building and devoted it to a display of the Society's publications, as well as books and prints from the library. The privilege of using this window occasionally goes with the Society's membership in the Back Bay Association.

A section of the California hillside garden featuring acacias set up by the Stone Estate at the 1946 Spring Flower Show and awarded the Gold Medal of the Pennsylvania Horticultural Society.

Necrology

The following is a list of the members of the Massachusetts Horticultural Society whose deaths were reported during the year ending May 1, 1946.

Miss Isabel L. Albee
Mr. John Alexander
Mr. Joseph C. Andrews
Mr. James B. Ayer
Mr. James S. Bache
Mr. Francis L. Bain
Mrs. John Balch
Dr. Thomas Barbour
Mr. Michael L. Barrar
Miss Jane Bennett
Mrs. Charles O. Blood
Mrs. L. S. Boulter
Miss Abby A. Bradley
Mr. Henry G. Brooks
Miss Helen C. Burnham
Mr. George E. Cabot
Mr. Walter W. Calkins
Mr. John Carrig
Miss Hermina W. Cass
Mrs. Robert Casson
Mr. Joseph Everett Chandler
Mr. Hiram O. Chase
Mr. William H. Chubbuck
Mrs. Elmer E. Clapp
Mr. Eugene H. Clapp
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The garden of Zenon Schreiber, which won the Gold Medal of the Massachusetts Horticultural Society at the 1946 Spring Flower Show in New York City.